

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-52018

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 5-20-9-16

9. API Well No.
43-013-3304

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/NW Sec. 20, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SW/NW 2178' FNL 673' FWL 572584X 40.017722
At proposed prod. zone 4429861Y -110.149473

14. Distance in miles and direction from nearest town or post office*
Approximately 14.2 miles southwest of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 462' f/lease, NA' f/unit

16. No. of Acres in lease
640.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1505'

19. Proposed Depth
5990'

20. BLM/BLA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6134' GL

22. Approximate date work will start*
2nd Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
Mandie Crozier
Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
3/17/06

Approved by (Signature)
Bradley G. Hill
Title

Name (Printed/Typed)
BRADLEY G. HILL
ENVIRONMENTAL MANAGER

Date
03-27-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

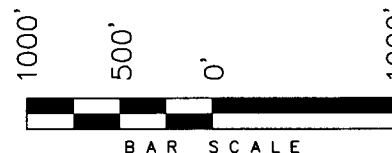
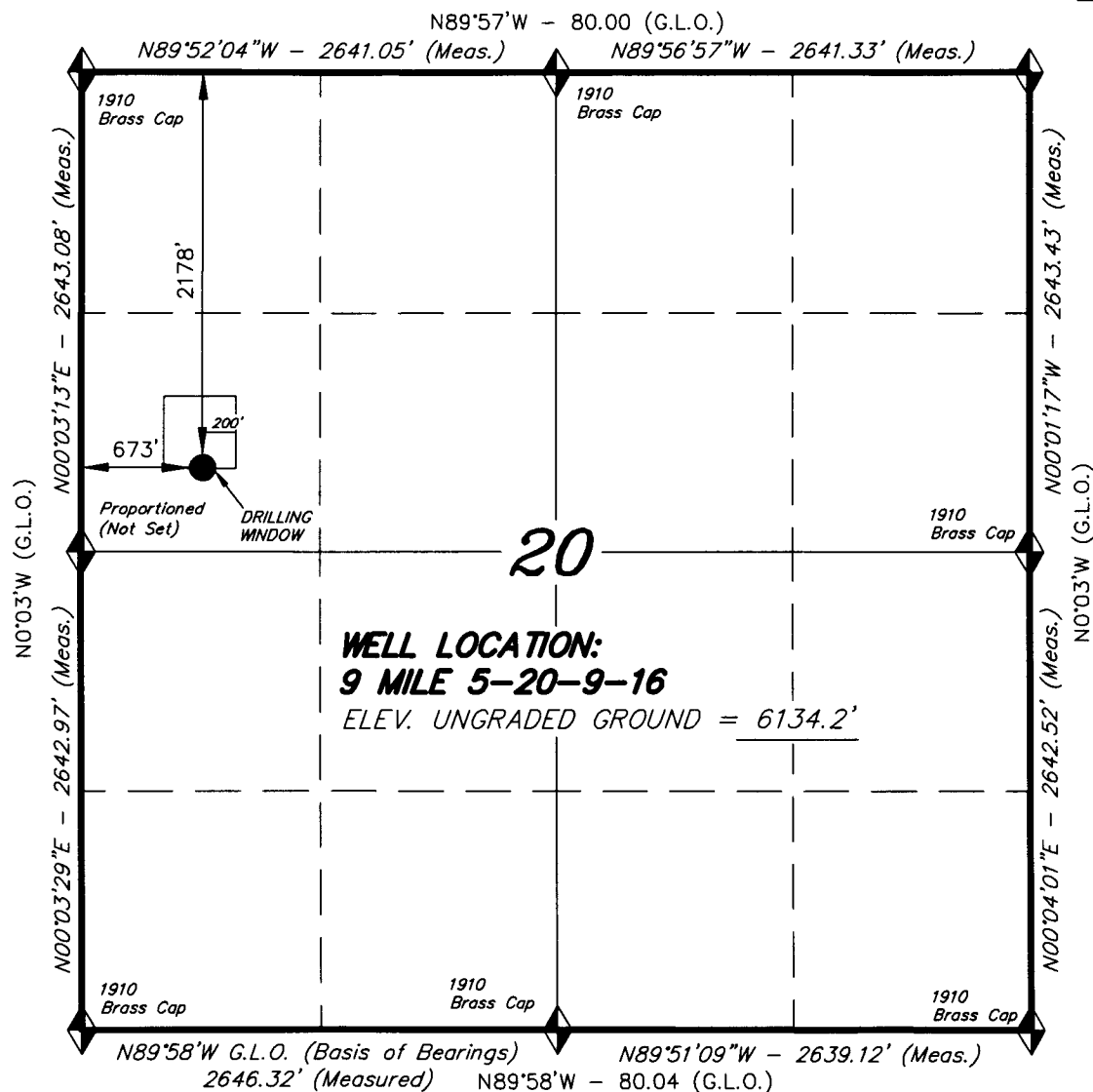
RECEIVED
MAR 21 2006

DIV. OF OIL, GAS & MINING

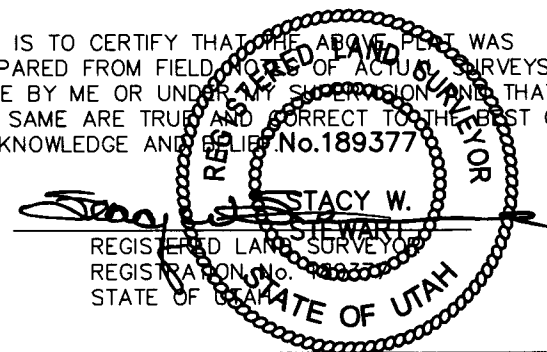
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 5-20-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NW
1/4 OF SECTION 20, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 2-16-06	SURVEYED BY: C.M.
DATE DRAWN: 2-17-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 5-20-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 03.54"
LONGITUDE = 110° 09' 00.83"



March 17, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 6-19-9-16, 8-19-9-16, 12-19-9-16,
13-19-9-16, 5-20-9-16, and 15-20-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

MAR 21 2006

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY
FEDERAL #5-20-9-16
SW/NW SECTION 20, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2395'
Green River	2395'
Wasatch	5990'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2395' – 5990' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #5-20-9-16
SW/NW SECTION 20, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #5-20-9-16 located in the SW 1/4 NW 1/4 Section 20, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 1.7 miles \pm to it's junction with the beginning of the proposed access road to the southwest; proceed southwesterly along the proposed access road - 510' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-225, 7/13/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #5-20-9-16 Newfield Production Company requests 510' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 510' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 510' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May

15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-20-9-16 was on-sited on 1/25/06. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), Chris Carusona (Bureau of Land Management), Todd McGrath (Bureau of Land Management), Brandon McDonald (Bureau of Landmanagement), and Charlie Shard (SWCA). Weather conditions were clear and ground cover was 50% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

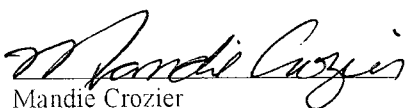
Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-20-9-16 SW/NW Section 20, Township 9S, Range 16E: Lease UTU-52018 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

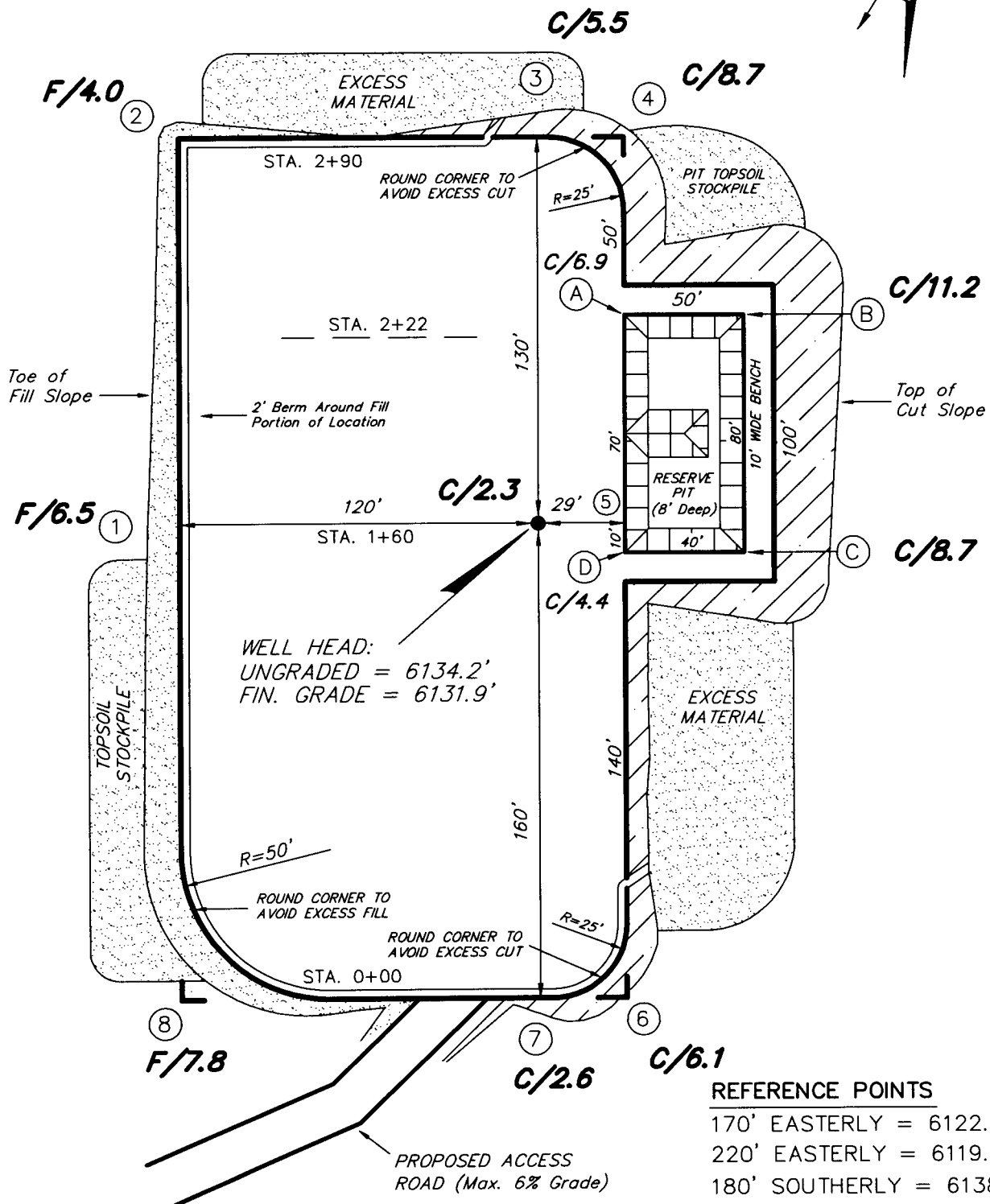
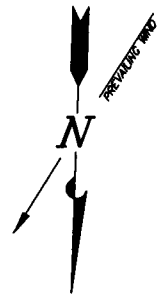
3/17/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 5-20-9-16

Section 20, T9S, R16E, S.L.B.&M.



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

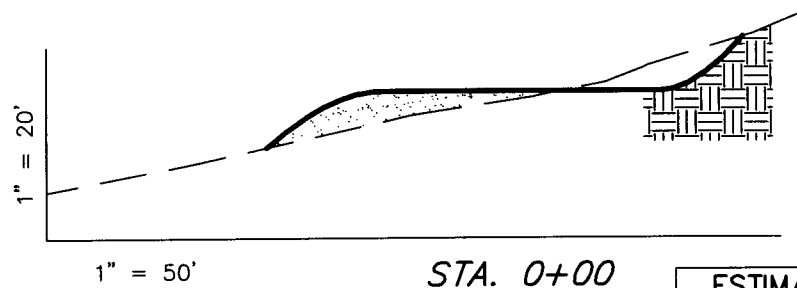
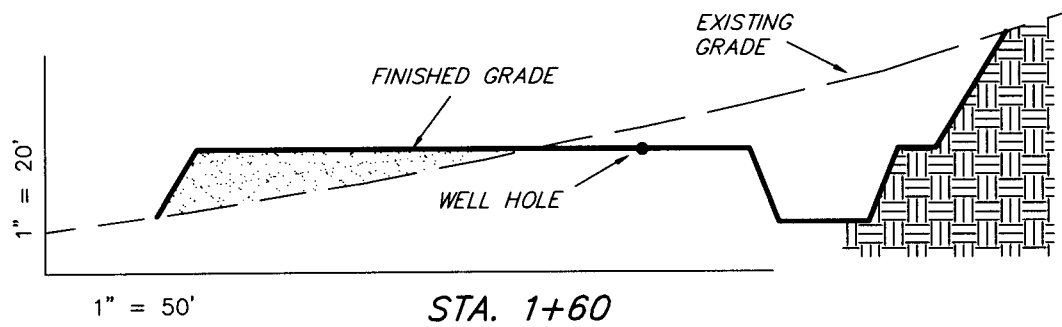
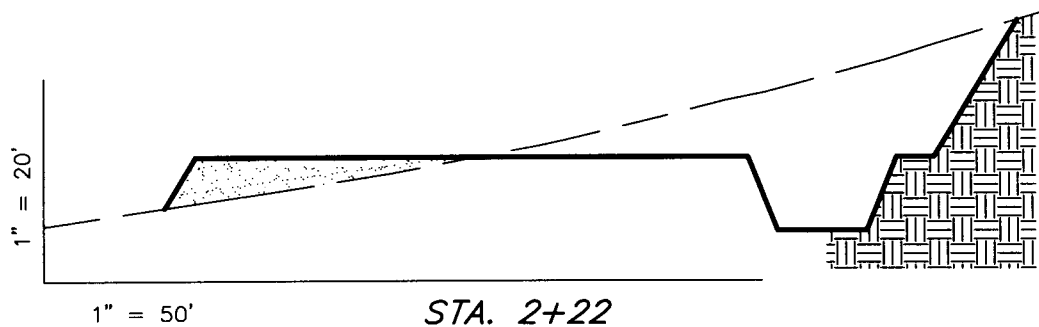
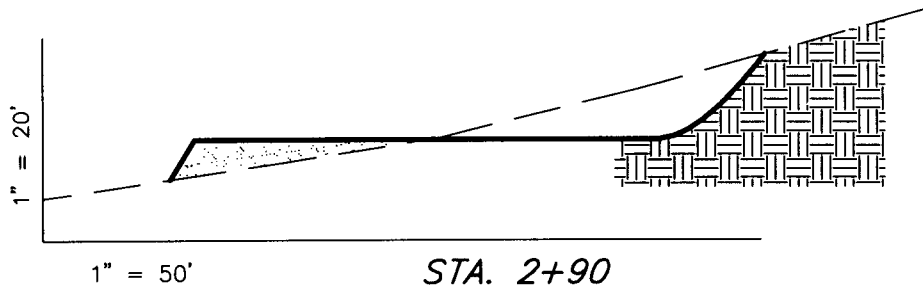
DATE: 2-17-06

Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

NEWFIELD PRODUCTION COMPANY
CROSS SECTIONS
9 MILE 5-20-9-16



NOTE:
 UNLESS OTHERWISE NOTED
 ALL CUT/FILL SLOPES ARE
 AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,820	3,810	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	4,460	3,810	1,060	650

SURVEYED BY: C.M.

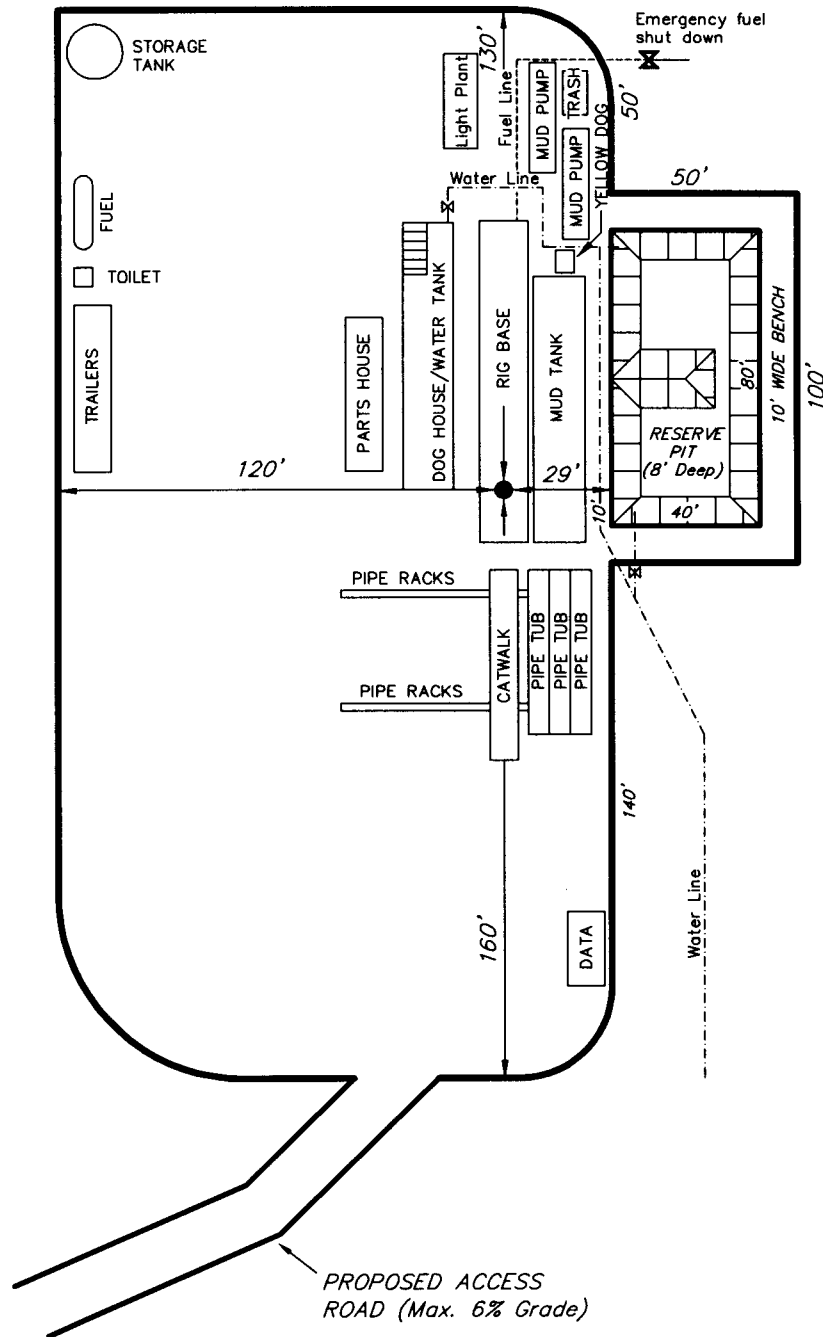
SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 2-17-06

(435) 781-2501
Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 5-20-9-16



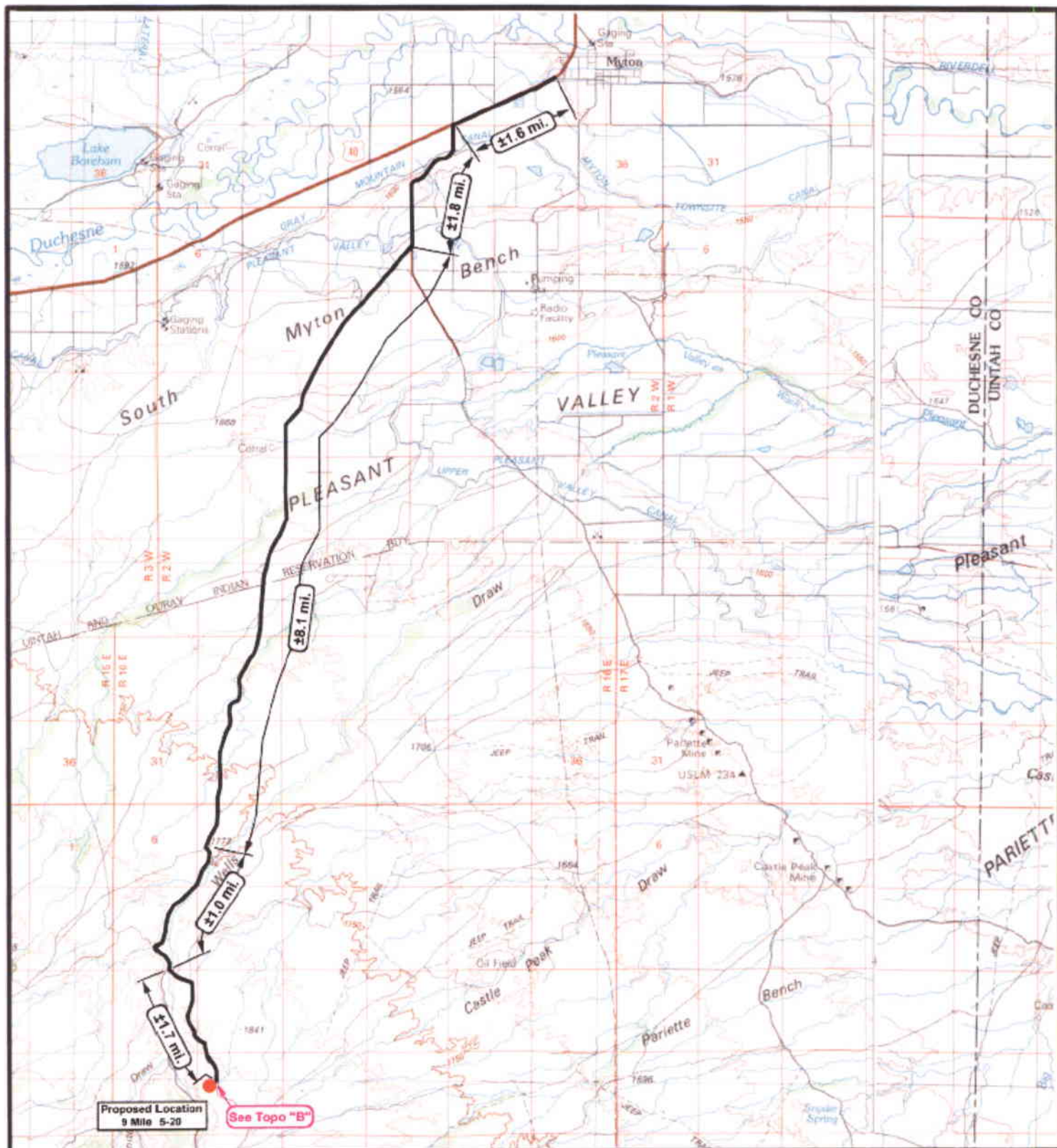
SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 2-17-06

Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

9 Mile 5-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



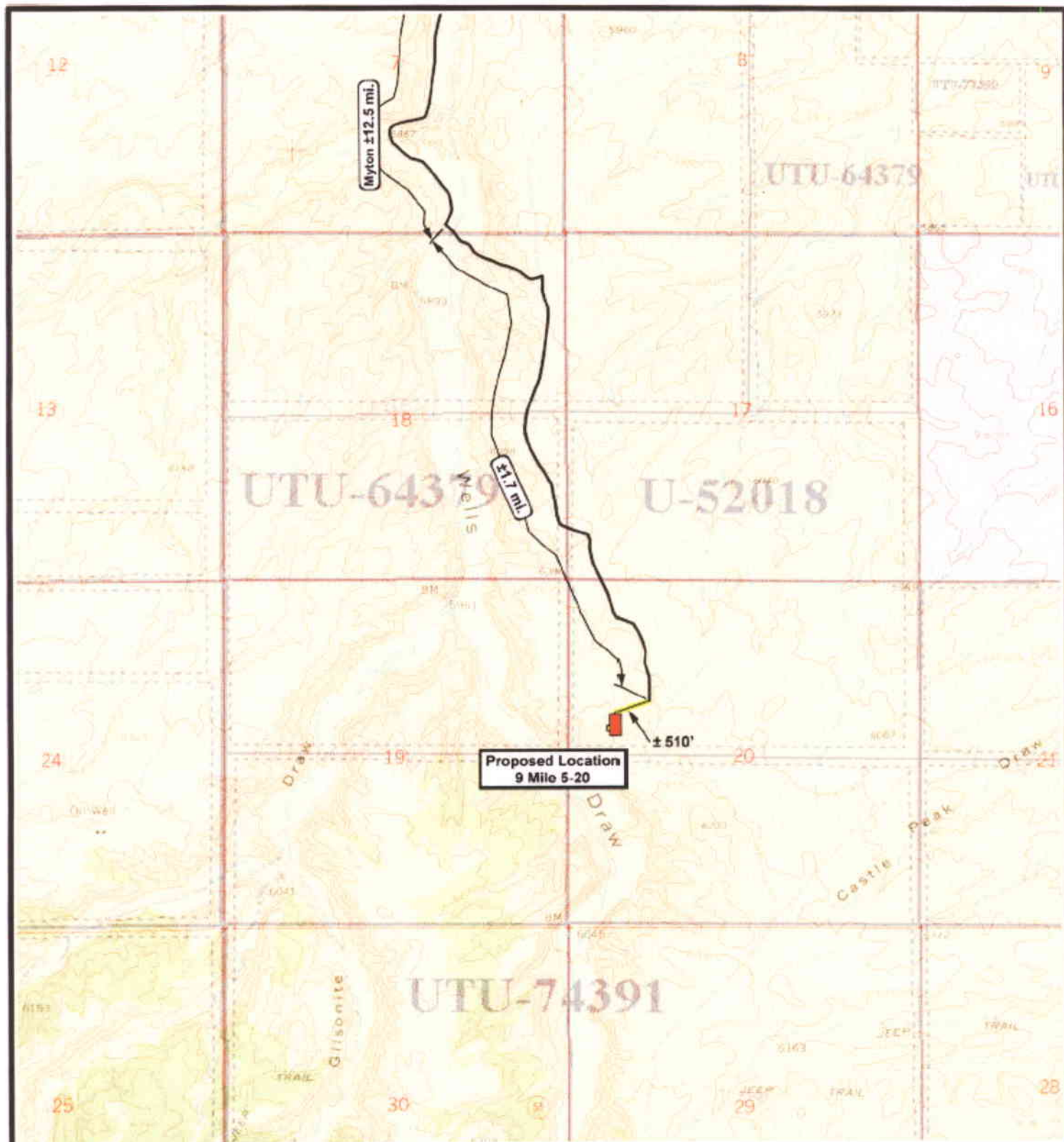
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave., Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 02-23-2006

Legend
— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 5-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



Pai-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave., Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

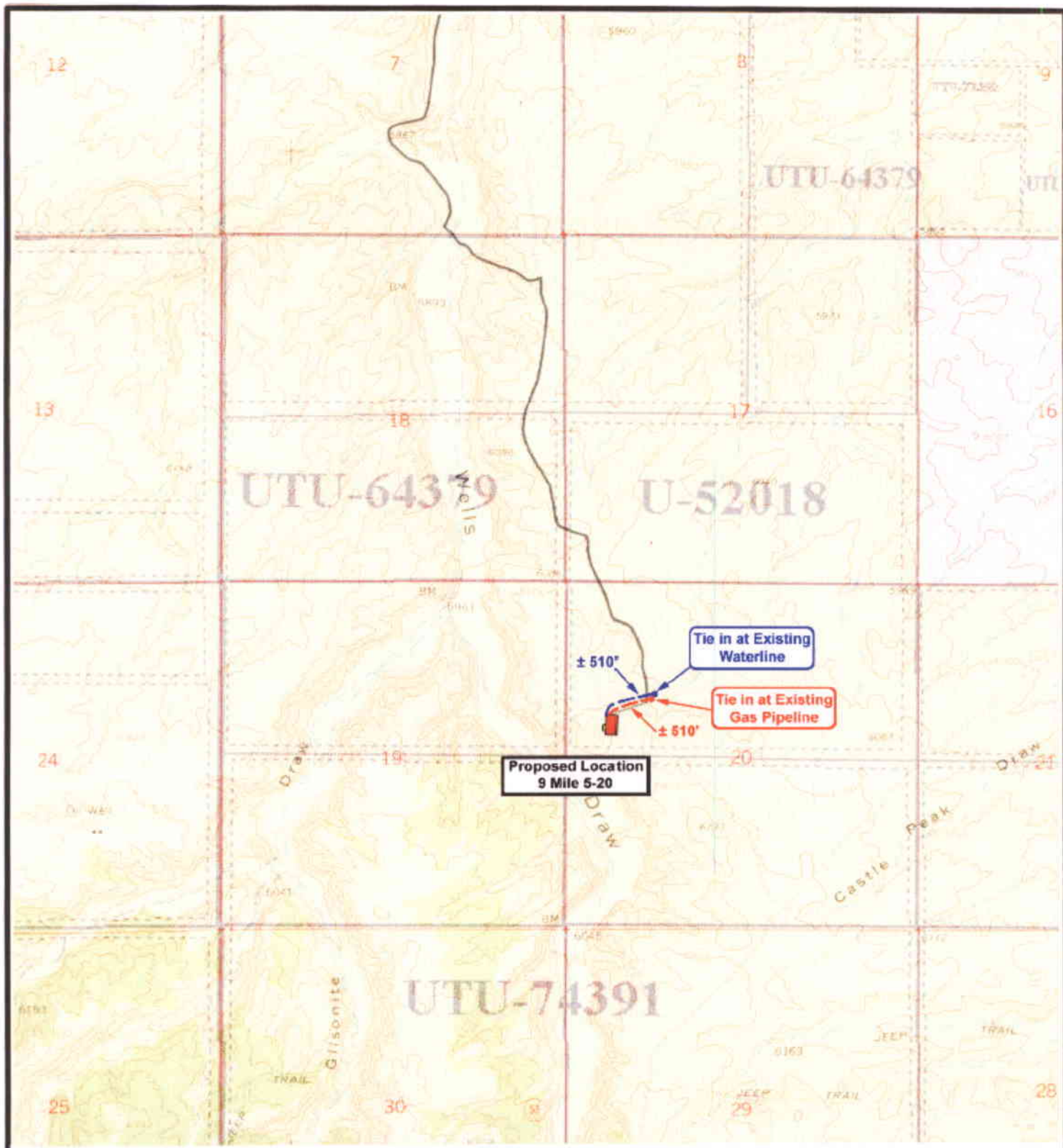
DATE: 02-23-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

9 Mile 5-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



Pai-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

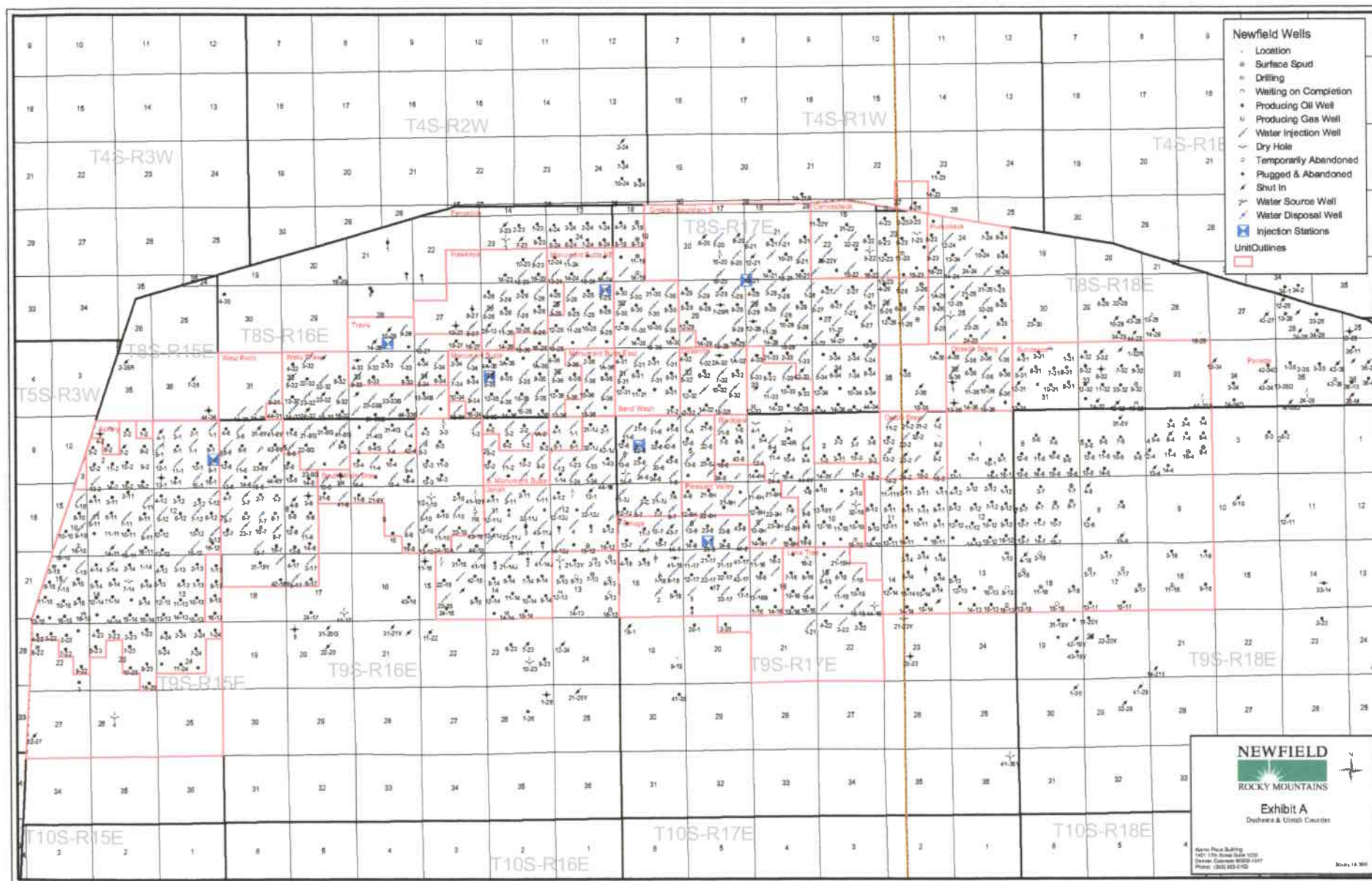
DATE: 02-23-2006

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"

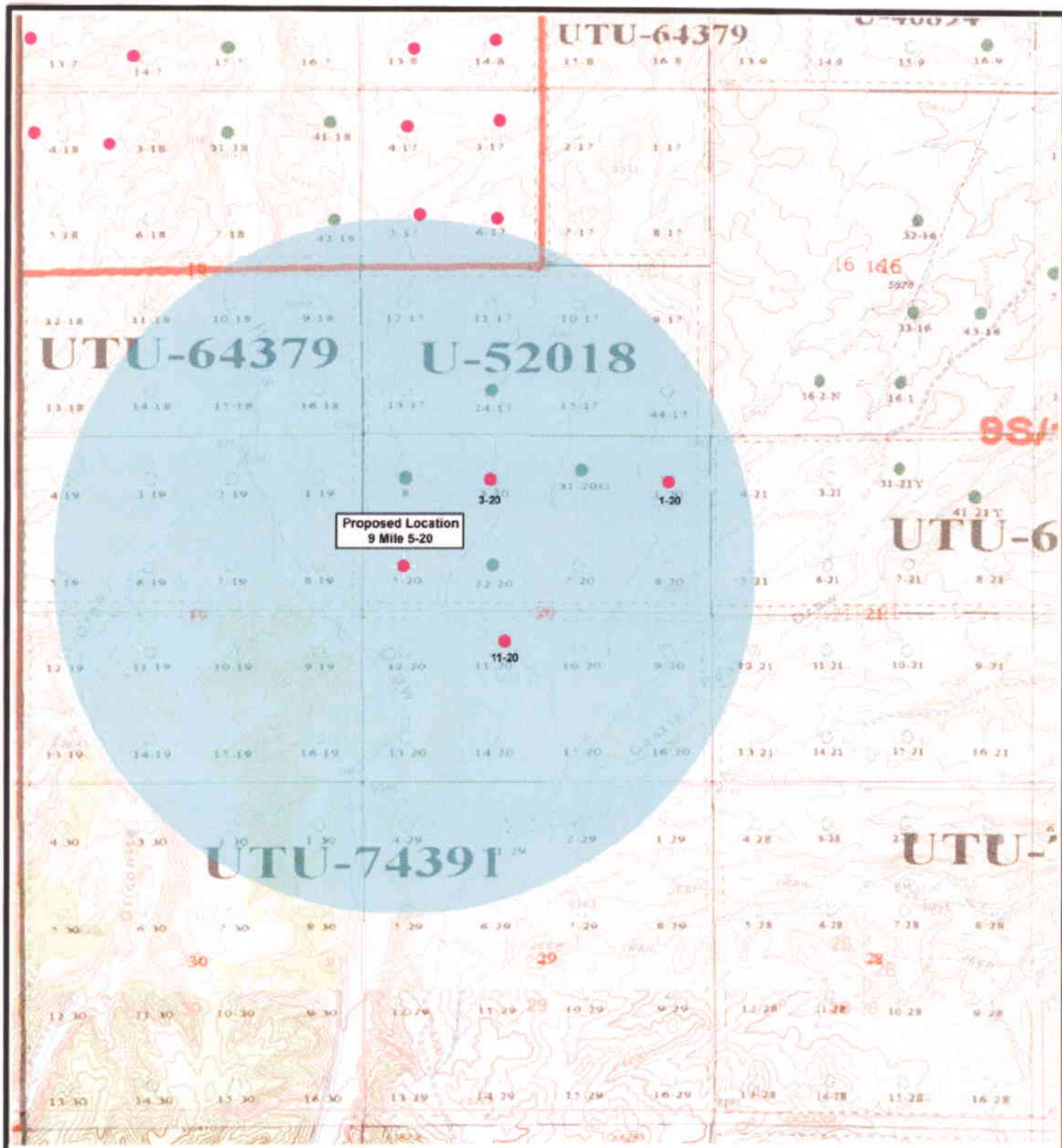


- Newfield Wells**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Water Source Well
 - Water Disposal Well
 - Injection Stations
- Unit Outlines**

NEWFIELD
ROCKY MOUNTAINS
Exhibit A
 Databases & UTM Coordinates

4000 New Building
 1400 17th Street, Suite 1000
 Denver, Colorado 80202-1000
 Phone: (303) 455-1100

July 14, 2001



Proposed Location
9 Mile 5-20

NEWFIELD
Exploration Company

9 Mile 5-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



Pai-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 02-23-2006

Legend

- Proposed Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

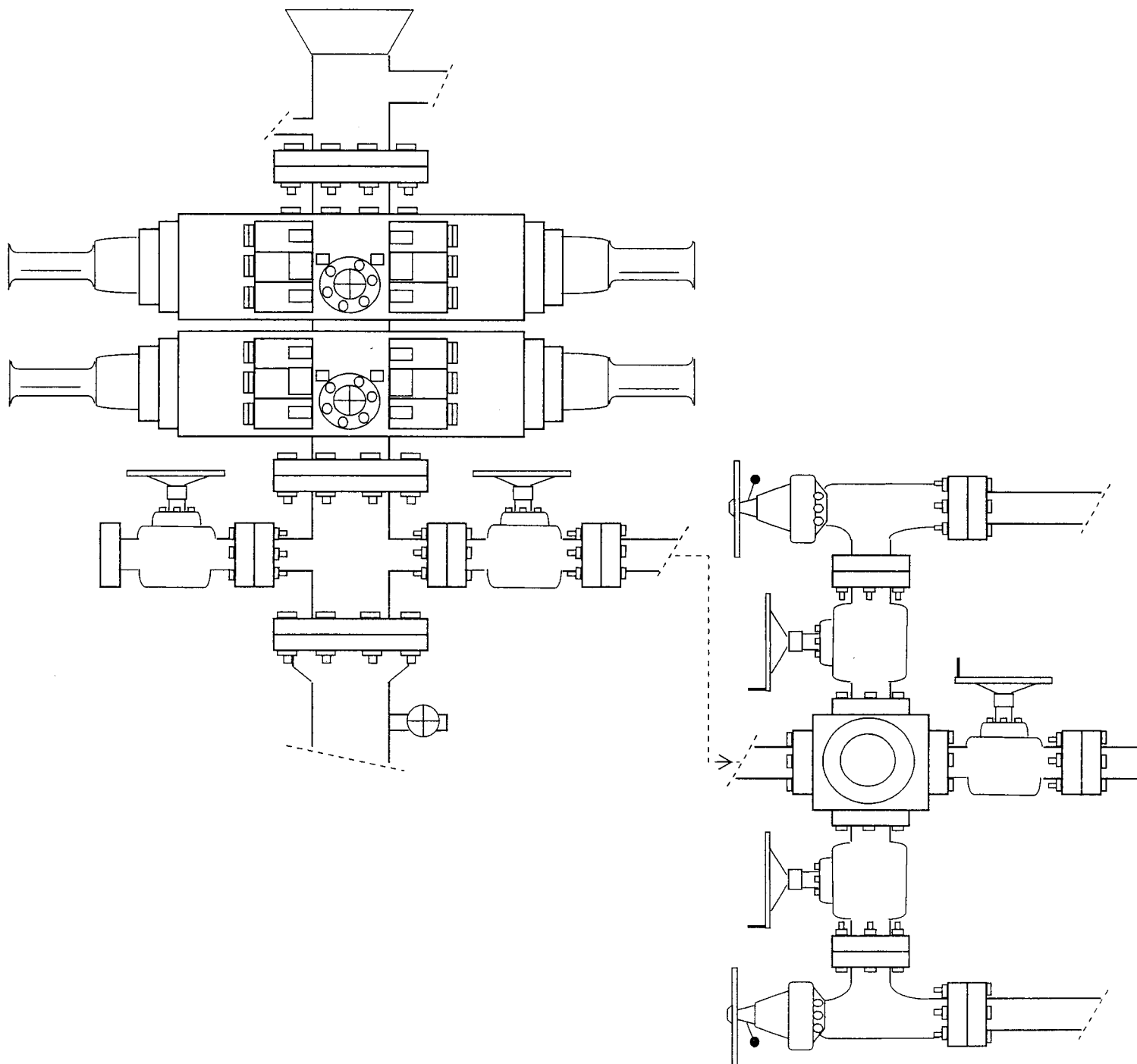


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 19 AND 20,
DUCHESNE COUNTY, UTAH

By:

Shari Maria Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-225

July 13, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0668b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/21/2006

API NO. ASSIGNED: 43-013-33104

WELL NAME: FEDERAL 5-20-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 20 090S 160E

SURFACE: 2178 FNL 0673 FWL

BOTTOM: 2178 FNL 0673 FWL

COUNTY: DUCHESNE

LATITUDE: 40.01772 LONGITUDE: -110.1495

UTM SURF EASTINGS: 572584 NORTHINGS: 4429861

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-52018

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

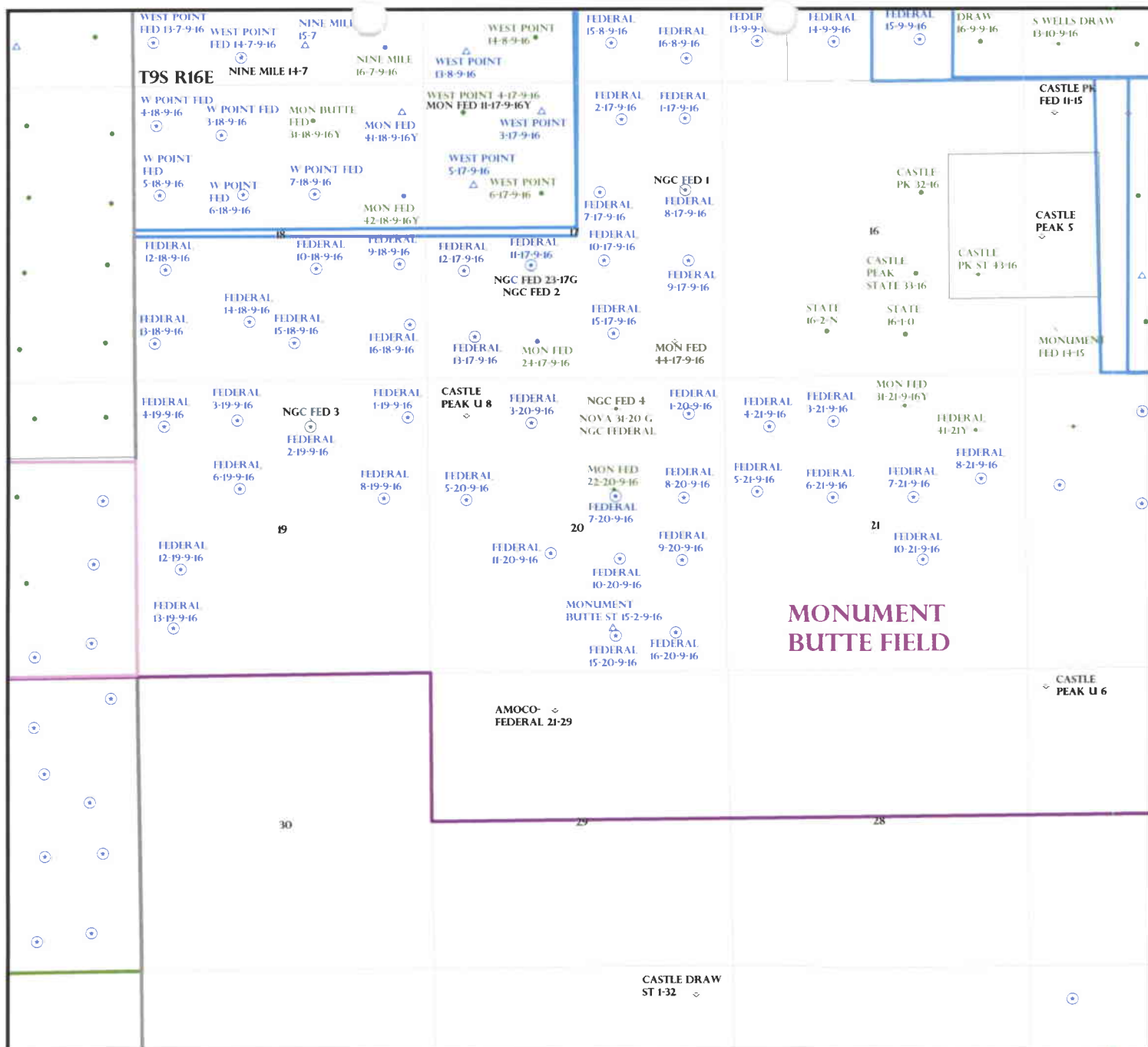
☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.
Unit: _____
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
____ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19,20,21 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

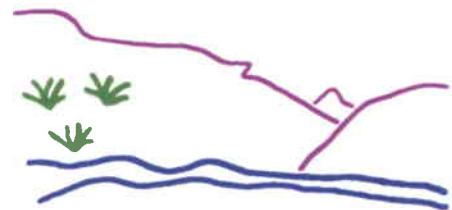
SPACING: R649-3-2 / GENERAL SITING

Field Status
 ABANDONED
 ACTIVE
 COMBINED
 INACTIVE
 PROPOSED
 STORAGE
 TERMINATED

Unit Status
 EXPLORATORY
 GAS STORAGE
 NF PP OIL
 NF SECONDARY
 PENDING
 PI OIL
 PP GAS
 PP GEOTHERML
 PP OIL
 SECONDARY
 TERMINATED

Wells Status

GAS INJECTION
 GAS STORAGE
 LOCATION ABANDONED
 NEW LOCATION
 PLUGGED & ABANDONED
 PRODUCING GAS
 PRODUCING OIL
 SHUT-IN GAS
 SHUT-IN OIL
 TEMP. ABANDONED
 TEST WELL
 WATER INJECTION
 WATER SUPPLY
 WATER DISPOSAL
 DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 24-MARCH-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 27, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 5-20-9-16 Well, 2178' FNL, 673' FWL, SW NW, Sec. 20, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33104.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 5-20-9-16
API Number: 43-013-33104
Lease: UTU-52018

Location: SW NW **Sec.** 20 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

MAR 21 2006

BLM VERNAL, UTAH

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

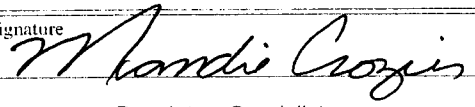
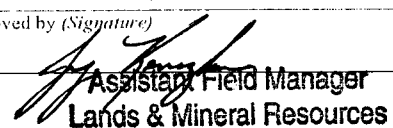
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-52018
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company			7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 5-20-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 2178' FNL 673' FWL At proposed prod. zone			9. API Well No. 43-013-33104
10. Field and Pool, or Exploratory Monument Butte			11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 20, T9S R16E
14. Distance in miles and direction from nearest town or post office* Approximately 14.2 miles southwest of Myton, Utah			12. County or Parish Duchesne
13. State UT			
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 462' f/lse, NA' f/unit	16. No. of Acres in lease 640.00	17. Spacing Unit dedicated to this well 40 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1505'	19. Proposed Depth 5990'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6134' GL	22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from start to rig release	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/17/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) TERRY KENCALA	Date 2-7-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED
FEB 13 2007

DIV. OF OIL, GAS & MINING

NO NOS

NOTICE OF APPROVAL

07BM41691A

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	SWNW, Sec 20, T9S, R16E
Well No:	Federal 5-20-9-16	Lease No:	UTU-52018
API No:	43-013-33104	Agreement:	N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | | |
|---|---|--|
| Location Construction
(Notify Chuck Macdonald) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chuck Macdonald) | - | Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

LEASE STIPULATIONS

- Lands in this lease have been identified as containing Golden eagle habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- There is a documented Golden Eagle nest located within 0.3 miles SW of the proposed location, not in line-of-site of the project area. With this occurrence there will be a timing restriction to protect the Golden Eagle nesting period from February 1- July 15.

GENERAL CONDITIONS OF APPROVAL

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.

- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

- The interim seed mix for this location shall be:

Indian Ricegrass (<i>Oryzopsis hymenoides</i>)	4 lbs/acre
Needle and Threadgrass (<i>Stipa comata</i>):	4 lbs/acre
Scarlet Globemallow (<i>Sphaeralcea coccinea</i>):	1 lb/acre
Winter Fat (<i>Ceratoides lanata</i>)	3 lbs/acre

- All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys,

sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

(June 1997)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2178 FNL 673 FWL SW/NW Section 20, T9S R16E

5. Lease Designation and Serial No.

UTU-52018

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 5-20-9-16

9. API Well No.

43-013-33104

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/27/06 (expiration 3/27/07).

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-12-07
By: [Signature]

3-12-07
RM

RECEIVED
MAR 09 2007
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

3/5/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33104
Well Name: Federal 5-20-9-16
Location: SW/NW Section 20, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/27/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ *NA*

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

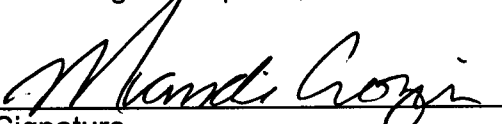
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

3/5/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

MAR 09 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

Federal

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-20-9-16

9. API Well No.

4301333104

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2178 FNL 673 FWL

SWNW Section 20 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/12/2007 MIRU NDSI NS # 1. Spud well @ 10:30 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.88'/ KB On 6/18/2007 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 8 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Troy Zufelt

Signature

Title

Drilling Supervisor

Date

06/18/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAY 21 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.88

LAST CASING 8 5/8" set @ 323.88
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 5-20-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.72'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.03
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.88
TOTAL LENGTH OF STRING		313.88	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			323.88
TOTAL		312.03	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		312.03	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	6/12/2007	10:30 AM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		6/12/2007	5:15 PM	Bbls CMT CIRC TO SURFACE <u>8</u>			
BEGIN CIRC		6/18/2007	9:14 AM	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		6/18/2007	9:31 AM				
BEGIN DSPL. CMT		6/18/2007	9:43 AM	BUMPED PLUG TO <u>754</u> PSI			
PLUG DOWN		6/18/2007	9:52 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Troy Zufelt DATE 6/18/2007

RECEIVED
MAY 21 2007
 DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84062

OPERATOR ACCT. NO. **N2896**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16175	430133023	FEDERAL 8-21-9-16	SENE	21	9S	16E	DUCHESNE	6/7/2008	6/14/07
WELL 1 COMMENTS: <i>GRRV</i>											
B	99999	12276	430133249	WD FEDERAL M-5-9-16	SENW	5	9S	16E	DUCHESNE	6/11/2007	6/14/07
<i>GRRV</i> <i>BHL C of Sec 5</i>											
A	99999	16176	4301333104	FEDERAL 5-20-9-16	SWNW	20	9S	16E	DUCHESNE	6/12/2007	6/14/07
<i>R</i> <i>GRRV</i>											
											2NS
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

JUN 13 2007

DIV. OF OIL, GAS & MINING

Jonri Park
Signature
Production Clerk

Jonri Park

June 13, 2007

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 5-20-9-16

9. API Well No.
4301333104

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2178 FNL 673 FWL
SWNW Section 20 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 7/1/2007 MIRU Patterson Rig # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,945'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 5939.99' / KB. Cement with 349 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 426 sks cement mixed @ 14.4 ppg & 1.24 yld. With 5 bbls returned to pit.well flowing shut well in decision made to squeeze-block through kill line.Cement with 205 sks Class "G" Neat cement mixed @ 15.8 ppg & 1.15 yld.cement to surface well shut in with 720 psi wait 15 hrs well dead Nipple down Bop's.Release rig 2:00 pm on 7/15/2007.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Troy Zufelt

Signature

Title

Drilling Supervisor

Date

07/18/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

JUL 20 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

<p style="text-align: center;"><u>5 1/2"</u> CASING SET AT <u>5939.99</u></p> <p>LAST CASING 8 5/8" Set @ <u>323.88</u></p> <p>DATUM <u>12' KB</u></p> <p>DATUM TO CUT OFF CASING <u>12'</u></p> <p>DATUM TO BRADENHEAD FLANGE _____</p> <p>TD DRILLER <u>5940'</u> TD loggers _____</p> <p>HOLE SIZE <u>7 7/8"</u></p>	<p>Flt clr @ <u>5918.22</u></p> <p>OPERATOR <u>Newfield Production Company</u></p> <p>WELL <u>Federal 5-20-9-16</u></p> <p>FIELD/PROSPECT <u>Monument Butte</u></p> <p>CONTRACTOR & RIG # <u>Patterson-UTI Rig # 155</u></p>
---	--

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt					14	
		Short jt 6.33' @ 3958.44'						
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5906.22	
							0.6	
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.52	
		GUIDE shoe			8rd	A	0.65	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING LESS CUT OFF PIECE PLUS DATUM TO T/CUT OFF CSG CASING SET DEPTH } COMPARE				5941.99
TOTAL LENGTH OF STRING		5941.99	135					14
LESS NON CSG. ITEMS		15.25						12
PLUS FULL JTS. LEFT OUT		306.37	7					5939.99
TOTAL		6233.11	142					
TOTAL CSG. DEL. (W/O THRDS)		6233.11	142					
TIMING		1ST STAGE	2nd STAGE					
BEGIN RUN CSG.		7/13/2007	6:00 AM	GOOD CIRC THRU JOB Yes				
CSG. IN HOLE		7/13/2007	12:00 PM	Bbls CMT CIRC to surface 5				
BEGIN CIRC		7/13/2007	12:30 PM	RECIPROCATED PIPE FOR THRUSTROKE				
BEGIN PUMP CMT		7/13/2007	2:10 PM	DID BACK PRES. VALVE HOLD ? yes				
BEGIN DSPL. CMT		7/13/2007	3:05 PM	BUMPED PLUG TO 2183 PSI				
PLUG DOWN		7/13/2007	3:33 PM					
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	349	Premlite II w/ + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF						
		mixed @ 11.0 ppg W / 3.49 cf/sk yield						
2	426	50/50:2 W/ 2% Gel + 3% KCL,.5%EC1,1/4# skC.F.2%SF+.3% SMS+FP-6L mixed @14.4 ppgW/ 1.24YLD						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Troy Zufelt DATE 7/13/2007

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

<p style="text-align: center;"><u>5 1/2"</u> CASING SET AT <u>5939.99</u></p> <p>LAST CASING <u>8 5/8"</u> Set @ <u>323.88</u></p> <p>DATUM <u>12' KB</u></p> <p>DATUM TO CUT OFF CASING <u>12'</u></p> <p>DATUM TO BRADENHEAD FLANGE _____</p> <p>TD DRILLER <u>5940'</u> TD loggers _____</p> <p>HOLE SIZE <u>7 7/8"</u></p>	<p>Flt clr @ <u>5918.22</u></p> <p>OPERATOR <u>Newfield Production Company</u></p> <p>WELL <u>Federal 5-20-9-16</u></p> <p>FIELD/PROSPECT <u>Monument Butte</u></p> <p>CONTRACTOR & RIG # <u>Patterson-UTI Rig # 155</u></p>
--	--

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 6.33' @ 3958.44'					
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5906.22
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.52
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5941.99
TOTAL LENGTH OF STRING		5941.99	135	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		306.37	7	CASING SET DEPTH			5939.99
TOTAL		6233.11	142	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6233.11	142				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.				GOOD CIRC THRU JOB <u>Squeez-Block</u>			
CSG. IN HOLE				Bbls CMT to surface <u>38</u>			
BEGIN CIRC				RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		7/14/2007	1:53 PM	DID BACK PRES. VALVE HOLD ? <u>Shut well in W/720 PSI</u>			
BEGIN DSPL. CMT				PSI			
PLUG DOWN							

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	205	Class"G" Neat W/ 1.15 cf/sk yld	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			

COMPANY REPRESENTATIVE Troy Zufelt DATE 7/14/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2178 FNL 673 FWL

SWNW Section 20 T9S R16E

5. Lease Serial No.

USA UTU-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-20-9-16

9. API Well No.

4301333104

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

08/10/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-52018

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:

FEDERAL 5-20-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333104

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2178 FNL 673 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 20, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/22/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 08/09/07, attached is a daily completion status report.

AUG 29 2007

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 08/22/2007

(This space for State use only)

Daily Activity Report

Format For Sundry

FEDERAL 5-20-9-16**6/1/2007 To 10/30/2007****7/18/2007 Day: 1****Completion**

Rigless on 7/17/2007 - 5 1/2 casing is cemented solid off center. Cannot install slips or packoff on sfc casing head. RU PSI Logging truck to 3M production head to run CBL W/ pressure. Casing stump has bad threads--will not hold any pressure (release hot oiler & run CBL W/ no pressure). WLTD @ 5885' & cmt top @ sfc. Run Pulsed Neutron log W/ Gamma Ray/CCL f/ WLTD (5882') to 3885'. RD WLT & SIFN W/ 141 BWTR.

7/26/2007 Day: 2**Completion**

Rigless on 7/25/2007 - Dig out cellar. Cut off conductor pipe & 8 5/8 sfc casing @ btm of cellar. Cut off 3' of 5 1/2" casing which was warped, stretched & deformed. Weld on new 5 1/2" stump. Weld new 8 5/8" casing extension and install new WHI 92 wellhead. Install 5 1/2" slips and packing. Install 5M frac head & NU Cameron BOP. RU HO trk & pressure test casing, welded extension, frac head, blind rams & casing valves to 4500 psi. All looks good. Re-fill cellar.

7/31/2007 Day: 3**Completion**

Rigless on 7/30/2007 - RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5885' & CMT top @ surface. Perforated 1st stage, CP4 sds @ 5724-34' & CP3 sds @ 5660-69' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 76 shots. SIFN.

8/7/2007 Day: 4**Completion**

Rigless on 8/6/2007 - Stage #1 CP3 & CP4 sds. RU BJ Services. 28 psi on well. Frac CP3 & CP 4sds w/ 49,687#'s of 20/40 sand in 482 bbls of Lightning 17 fluid. Broke @ 3109 psi. Treated w/ ave pressure of 2062 psi w/ ave rate of 24.8 BPM. ISIP 2275 psi. Leave pressure on well. 623 BWTR. Stage #2 LODC sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 20' perf gun. Set plug @ 5270'. Perforate LODC sds @ 5150-70' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 80 shots. RU BJ Services. 1930 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1760 psi on well. Frac LODC sds w/ 59,976#'s of 20/40 sand in 541 bbls of Lightning 17 frac fluid. Broke @ 3781 psi. Treated w/ ave pressure of 1952 psi w/ ave rate of 24.8 BPM. ISIP 2110 psi. Leave pressure on well. 1164 BWTR. Stage #3 A3 sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 20' perf gun. Set plug @ 5120'. Perforate A3 sds @ 5046-66' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 80 shots. RU BJ Services. 1706 psi on well. Frac A3 sds w/ 70,150#'s of 20/40 sand in 582 bbls of Lightning 17 frac fluid. Broke @ 2229 psi. Treated w/ ave pressure of 2225 psi w/ ave rate of 24.8 BPM. ISIP 2340 psi. Leave pressure on well. 1746 BWTR. Stage #4 B2 sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' perf gun. Set plug @ 4990'. Perforate B2 sds @ 4880-92' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 48 shots. RU BJ Services. 1664 psi on well. Frac Bs sds w/ 29,054#'s of 20/40 sand in 470 bbls of Lightning 17 frac fluid. Broke @ 3870 psi. Treated w/ ave pressure of 2463 psi w/ ave rate of 24.8 BPM. ISIP 2290 psi. Leave pressure on well. 2216

BWTR. Stage #5 D1 & D2 sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' & 5' perf gun. Set plug @ 4750'. Perforate D2 sds @ 4649-54' & D1 sds @ 4596-4608' w/ 3-1/8" Slick Guns (.43" HE, 23 gram, 90°) w/ 4 spf for total of 68 shots. RU BJ Services. 1576 psi on well. Frac D1 & D2 sds w/ 27,540#'s of 20/40 sand in 372 bbls of Lightning 17 frac fluid. Broke @ 3053 psi. Treated w/ ave pressure of 1664 psi w/ ave rate of 24.8 BPM. ISIP 1700 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 5 hrs. & died. Recovered 275 bbls water. SWIFN.

8/8/2007 Day: 5

Completion

Western #3 on 8/7/2007 - MIRU Western #3. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag plug @ 4750'. RU powerswivel & pump. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 4948'. C/O to CBP @ 4990'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 5086'. C/O to CBP @ 5120'. DU CBP in 15 min. Circulate well clean. SWIFN.

8/9/2007 Day: 6

Completion

Western #3 on 8/8/2007 - RIH w/ tbg. Tag fill @ 5145'. C/O to CBP @ 5270'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 5760'. C/O to PBTD @ 5908'. Circulate well clean. Pull up to 5843'. RU swab. SFL @ surface. Made 14 runs. Recovered 125 bbls. Trace of oil. Small show of sand. EFL @ 1300'. RIH w/ tbg. Tag @ 5901'. C/O to PBTD @ 5908'. Circulate well clean. POOH w/ tbg. to 1251'. SWIFN.

8/10/2007 Day: 7

Completion

Western #3 on 8/9/2007 - Cont. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 181 jts 2 7/8" tbg. ND BOPs. Set TAC @ 5705' w/ 16,000# tension. NU wellhead. X-over for rods. RU hotoiler to tbg. Flush tbg. w/ 60 bbls 250° water. RIH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 103- 3/4" slick rods, 100- 3/4" guided rods, 1- 6', 4', 2' x 3/4" pony subs, 1 1/2" x 26' polished rod. Seat pump. Fill tbg. w/ 1 bbls. Stroke test pump to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production @ 3:00 p.m. 72" stroke length, 5 spm. Final Report.

Pertinent Files: Go to File List

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

UTU-52018

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Federal

8. FARM OR LEASE NAME, WELL NO.

Federal 5-20-9-16

9. WELL NO.

43-013-33104

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 20, T9S, R16E

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface **2178' FNL & 673' FWL (SW/NW) Sec. 20, T9S, R16E**

At top prod. Interval reported below

At total depth

14. API NO. **43-013-33104** DATE ISSUED **03/27/07**

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

06/12/07

16. DATE T.D. REACHED

07/12/07

17. DATE COMPL. (Ready to prod.)

08/09/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6134' GL

19. ELEV. CASINGHEAD

6146' KB

20. TOTAL DEPTH, MD & TVD

5945'

21. PLUG BACK T.D., MD & TVD

5908'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4596'-5734'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

VDL, PN, TC, P Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5940'	7-7/8"	349 sx Premilite II and 426 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5804'	TA @ 5705'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP4,3) 5724'-34', 5660'-69'	.49"	4/76	5660'-5734'	Frac w/ 49,687# 20/40 sand in 482 bbls fluid
(LODC) 5150'-70'	.43"	4/80	5150'-5170'	Frac w/ 59,976# 20/40 sand in 541 bbls fluid
(A3) 5046'-5066'	.43"	4/80	5046'-5066'	Frac w/ 70,150# 20/40 sand in 582 bbls fluid
(B2) 4880'-4892'	.43"	4/48	4880'-4892'	Frac w/ 29,054# 20/40 sand in 470 bbls fluid
(D2 & 1) 4649'-54', 4596'-4608'	.43"	4/68	4596'-4654'	Frac w/ 27,540# 20/40 sand in 372 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 08/09/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x 15' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 30	GAS--MCF. 0	WATER--BBL. 44
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jentri Park

TITLE

Production Clerk

DATE

8/24/2007

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 5-20-9-16	Garden Gulch Mkr		
				Garden Gulch 1		
				Garden Gulch 2	3914'	
				Point 3 Mkr	4160'	
				X Mkr	4424'	
				Y-Mkr	4456'	
				Douglas Creek Mkr	4568'	
				BiCarbonate Mkr	4793'	
				B Limestone Mkr	4906'	
				Castle Peak	5458'	
				Basal Carbonate	5888'	
				Total Depth (LOGGERS	5919'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-20-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2178 FNL 0673 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 20 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331040000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/14/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 08/13/2012. On 08/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/14/2012 the casing was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test - Chris Jensen.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 16, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/16/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris JensenDate 8/14/12 Time 9:00 am pmTest Conducted by: Kody Olson

Others Present: _____

Well: Federal 5-20-9-16Field: Monument ButteWell Location: SW/NW Sec. 20, T9S, R16EAPI No: 43-013-33104Duchesne Cty, UT UTV 87538X

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1330</u>	psig
5	<u>1330</u>	psig
10	<u>1330</u>	psig
15	<u>1330</u>	psig
20	<u>1330</u>	psig
25	<u>1330</u>	psig
30 min	<u>1330</u>	psig
35	<u>1330</u>	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 320 psig

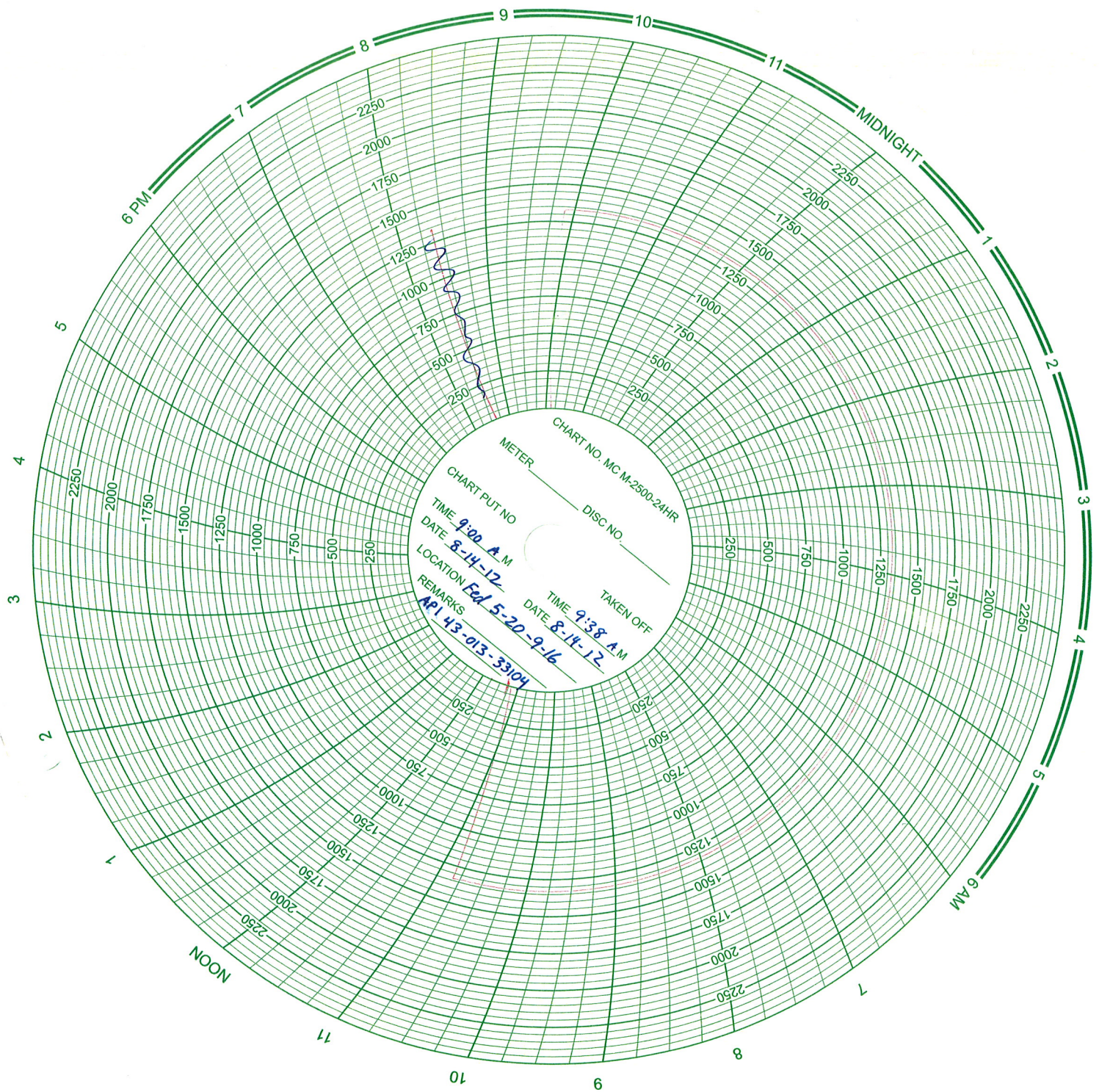
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Kody Olson



Daily Activity Report

Format For Sundry

FEDERAL 5-20-9-16

6/1/2012 To 10/30/2012

8/9/2012 Day: 1

Conversion

NC #3 on 8/9/2012 - MIRU NC#3, Fish Rods, L/D Rod String, N/D W/H-D, N/U BOPs, R/U Tbg Eqp, Release T/A. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi(Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi(Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi(Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi(Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi(Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi(Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$5,301

8/10/2012 Day: 2

Conversion

NC #3 on 8/10/2012 - TOO H, Brake & Dope Each Conn, TIH, Tally Tbg, Drop S/Vlve & Prs Tst - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/145 Jts Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D 39 Jts, T/A, S/N, Bleed Nipple, & N/C. P/U Pkr Ass & RIH, Tally 144Jts J-55 Tbg On Trip, Pmp 15BW Pad, Drop S/V, Fill W/32 BW, Psr Tst Tbg To 3000psi, Blead Off To 2400psi, Bumped Back Up To 3000psi, Had To Bump Up 3 More Time. Psr Leveled Out @ 3050psi. SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/145 Jts Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D 39 Jts, T/A, S/N, Bleed Nipple, & N/C. P/U Pkr Ass & RIH, Tally 144Jts J-55 Tbg On Trip, Pmp 15BW Pad, Drop S/V, Fill W/32 BW, Psr Tst Tbg To 3000psi, Blead Off To 2400psi, Bumped Back Up To 3000psi, Had To Bump Up 3 More Time. Psr Leveled Out @ 3050psi. SWI, 6:30PM CSDFN, 6:30PM-7:00PM

C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/145 Jts Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D 39 Jts, T/A, S/N, Bleed Nipple, & N/C. P/U Pkr Ass & RIH, Tally 144Jts J-55 Tbg On Trip, Pmp 15BW Pad, Drop S/V, Fill W/32 BW, Psr Tst Tbg To 3000psi, Bleed Off To 2400psi, Bumped Back Up To 3000psi, Had To Bump Up 3 More Time. Psr Leveled Out @ 3050psi. SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/145 Jts Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D 39 Jts, T/A, S/N, Bleed Nipple, & N/C. P/U Pkr Ass & RIH, Tally 144Jts J-55 Tbg On Trip, Pmp 15BW Pad, Drop S/V, Fill W/32 BW, Psr Tst Tbg To 3000psi, Bleed Off To 2400psi, Bumped Back Up To 3000psi, Had To Bump Up 3 More Time. Psr Leveled Out @ 3050psi. SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/145 Jts Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D 39 Jts, T/A, S/N, Bleed Nipple, & N/C. P/U Pkr Ass & RIH, Tally 144Jts J-55 Tbg On Trip, Pmp 15BW Pad, Drop S/V, Fill W/32 BW, Psr Tst Tbg To 3000psi, Bleed Off To 2400psi, Bumped Back Up To 3000psi, Had To Bump Up 3 More Time. Psr Leveled Out @ 3050psi. SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl.

Daily Cost: \$0

Cumulative Cost: \$13,223

8/13/2012 Day: 3

Conversion

NC #3 on 8/13/2012 - Pressure test tbg & csg. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Tbg @ 2900psi, Held Over Weekend(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D F/Flr, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid W/ 75BW, Set Pkr In 15k Tension, L/D 6' Tbg Sub, N/U Injection Tree, Psr Tst To 1500psi, B/O To 1400psi & Held For One Hour(Good Tst), Shut Csg In, R/D & M/O NC#3 @ 12:00PM. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Tbg @ 2900psi, Held Over Weekend(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D F/Flr, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid W/ 75BW, Set Pkr In 15k Tension, L/D 6' Tbg Sub, N/U Injection Tree, Psr Tst To 1500psi, B/O To 1400psi & Held For One Hour(Good Tst), Shut Csg In, R/D & M/O NC#3 @ 12:00PM. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Tbg @ 2900psi, Held Over Weekend(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D F/Flr, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid W/ 75BW, Set Pkr In 15k Tension, L/D 6' Tbg Sub, N/U Injection Tree, Psr Tst To 1500psi, B/O To 1400psi & Held For One Hour(Good Tst), Shut Csg In, R/D & M/O NC#3 @ 12:00PM. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Tbg @ 2900psi, Held Over Weekend(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D F/Flr, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid W/ 75BW, Set Pkr In 15k Tension, L/D 6' Tbg Sub, N/U Injection Tree, Psr Tst To 1500psi, B/O To 1400psi & Held For One Hour(Good Tst), Shut Csg In, R/D & M/O NC#3 @ 12:00PM. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Tbg @ 2900psi, Held Over Weekend(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D F/Flr, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid W/ 75BW, Set Pkr In 15k Tension, L/D 6' Tbg Sub, N/U Injection Tree, Psr Tst To 1500psi, B/O To 1400psi & Held For One Hour(Good Tst), Shut Csg In, R/D & M/O NC#3 @ 12:00PM. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$113,224

8/16/2012 Day: 4

Conversion

Rigless on 8/16/2012 - Conduct initial MIT - On 08/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/14/2012 the casing was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/14/2012 the casing was pressured up to 1330 psig and

charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/14/2012 the casing was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/14/2012 the casing was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$144,494

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-20-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2178 FNL 0673 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 20 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331040000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/6/2012
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <input style="width: 100px;" type="text" value="Put on Injection"/>			
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 12:40 PM on
11/06/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: November 13, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/7/2012	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

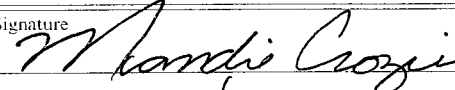
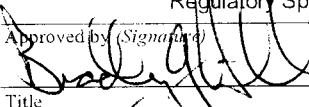
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-52018
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 5-20-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-3404
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 2178' FNL 673' FWL 572584X 40.017722 At proposed prod. zone 4429861Y -110.149473		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.2 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 20, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 462' f/lse, NA' f/unit	16. No. of Acres in lease 640.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1505'	13. State UT
19. Proposed Depth 5990'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6134' GL	22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/17/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL MANAGER	Date 03-27-06
Title		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action Is Necessary

RECEIVED
MAR 21 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY

A horizontal graphic scale bar. It consists of a series of alternating black and white rectangular segments. Above the bar, the distances are marked: '1000'', '500'', '0'', '500'', and '1000'' from left to right. Below the bar, the words 'BAR' and 'SCALE' are printed, separated by a space.

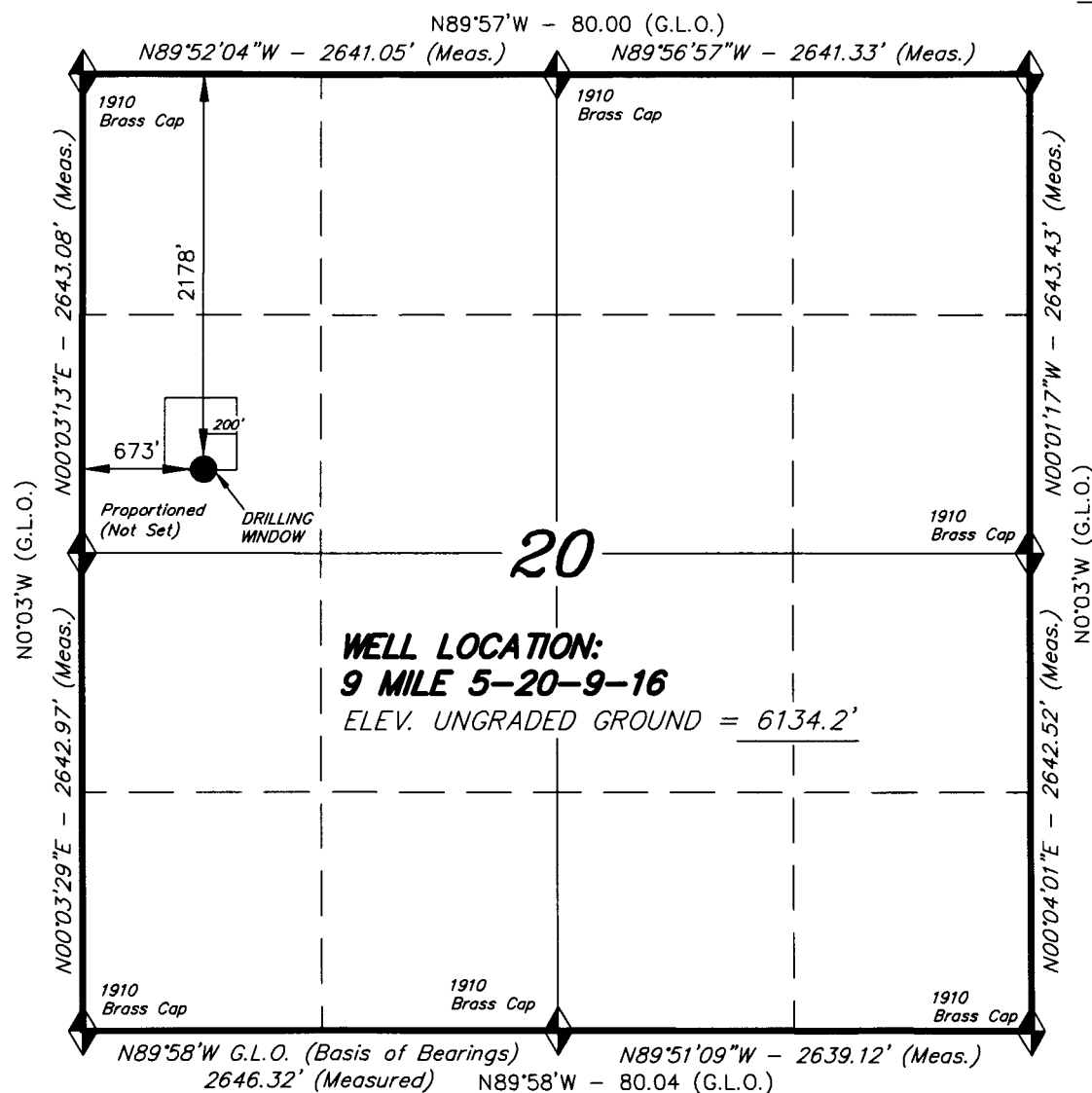


THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND
THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 42055
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 2-16-06	SURVEYED BY: C.M.
DATE DRAWN: 2-17-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 5-20-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 03.54"
LONGITUDE = 110° 09' 00.83"



March 17, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 6-19-9-16, 8-19-9-16, 12-19-9-16,
13-19-9-16, 5-20-9-16, and 15-20-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

MAR 21 2006

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY
FEDERAL #5-20-9-16
SW/NW SECTION 20, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2395'
Green River	2395'
Wasatch	5990'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2395' – 5990' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #5-20-9-16
SW/NW SECTION 20, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #5-20-9-16 located in the SW 1/4 NW 1/4 Section 20, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 1.7 miles \pm to it's junction with the beginning of the proposed access road to the southwest; proceed southwesterly along the proposed access road - 510' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-225, 7/13/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #5-20-9-16 Newfield Production Company requests 510' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 510' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 510' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May

15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-20-9-16 was on-sited on 1/25/06. The following were present: Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), Chris Carusona (Bureau of Land Management), Todd MaGrath (Bureau of Land Management), Brandon McDonald (Bureau of Landmanagement), and Charlie Shard (SWCA). Weather conditions were clear and ground cover was 50% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

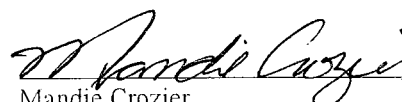
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-20-9-16 SW/NW Section 20, Township 9S, Range 16E: Lease UTU-52018 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/17/06

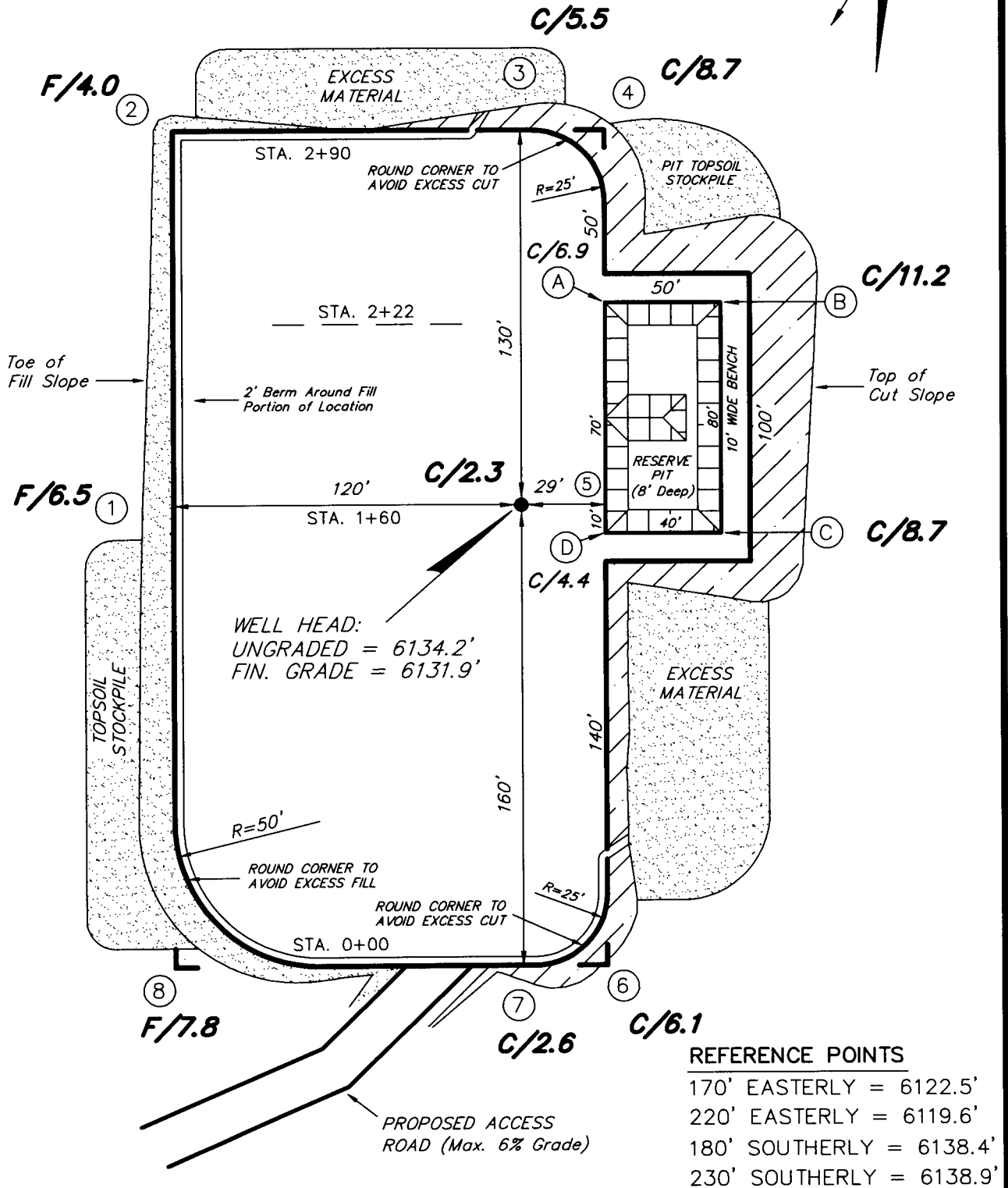
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 5-20-9-16

Section 20, T9S, R16E, S.L.B.&M.



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

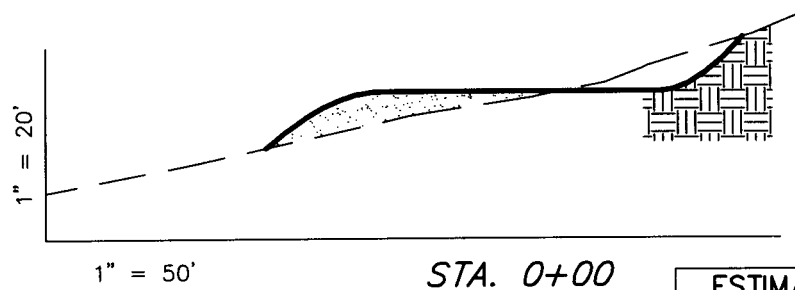
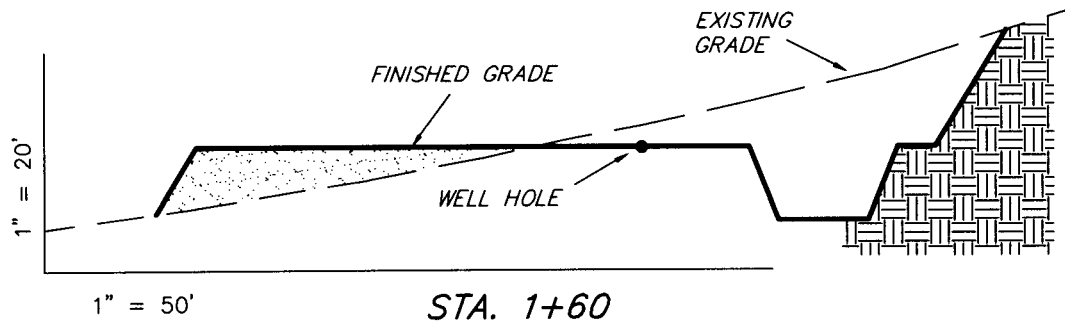
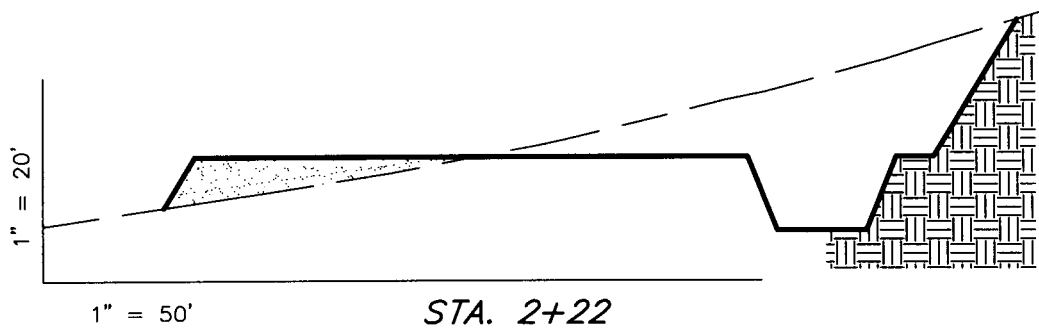
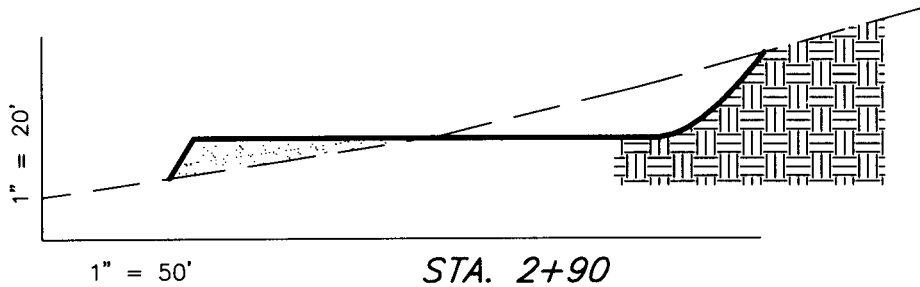
DATE: 2-17-06

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 5-20-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,820	3,810	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	4,460	3,810	1,060	650

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

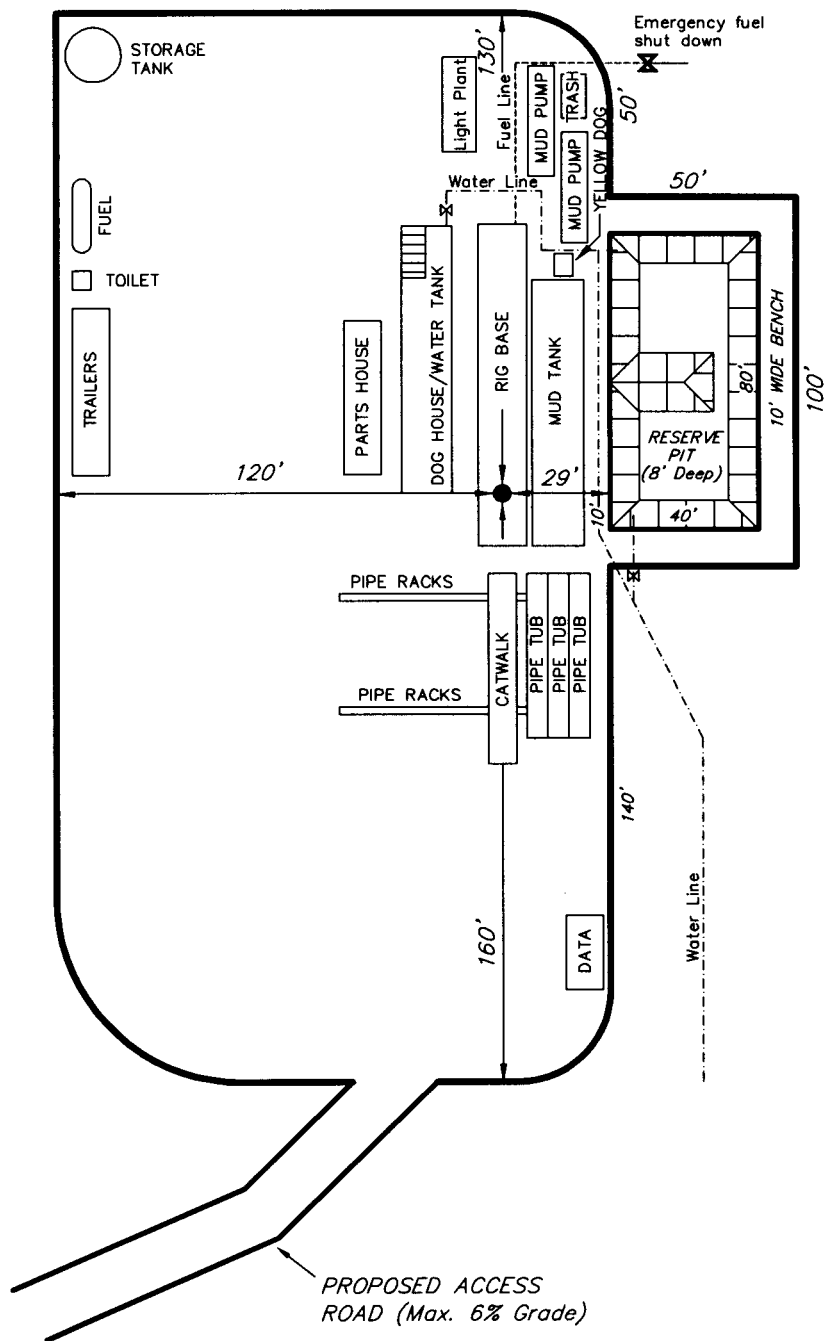
DATE: 2-17-06

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 5-20-9-16



SURVEYED BY: C.M.

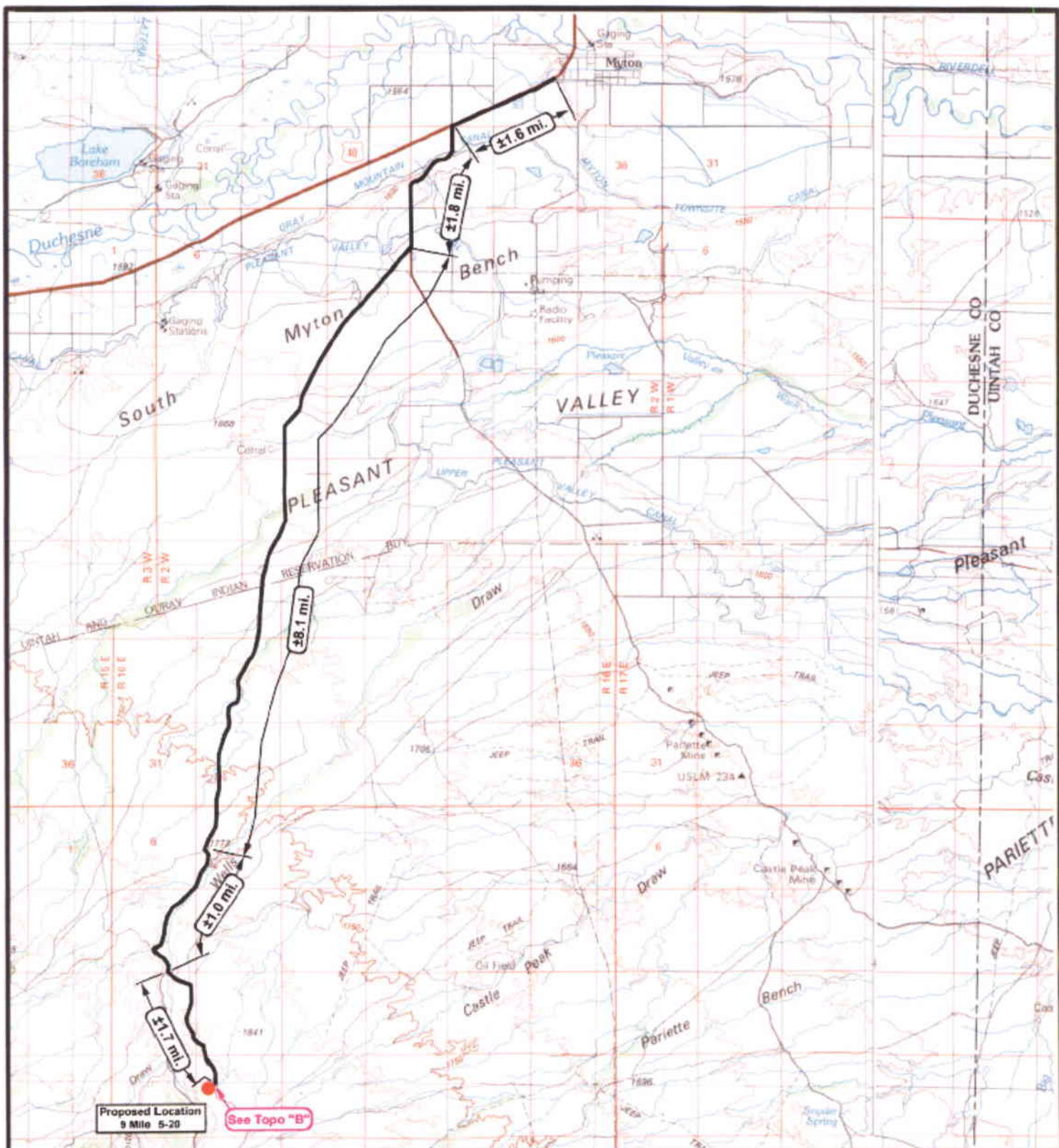
SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 2-17-06

(435) 781-2501

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



Proposed Location
9 Mile 5-20

See Topo "B"



NEWFIELD
Exploration Company

9 Mile 5-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.

(435) 781-2501

180 North Vernal Ave., Vernal, Utah 84078

SCALE: 1 = 100,000

DRAWN BY: mw

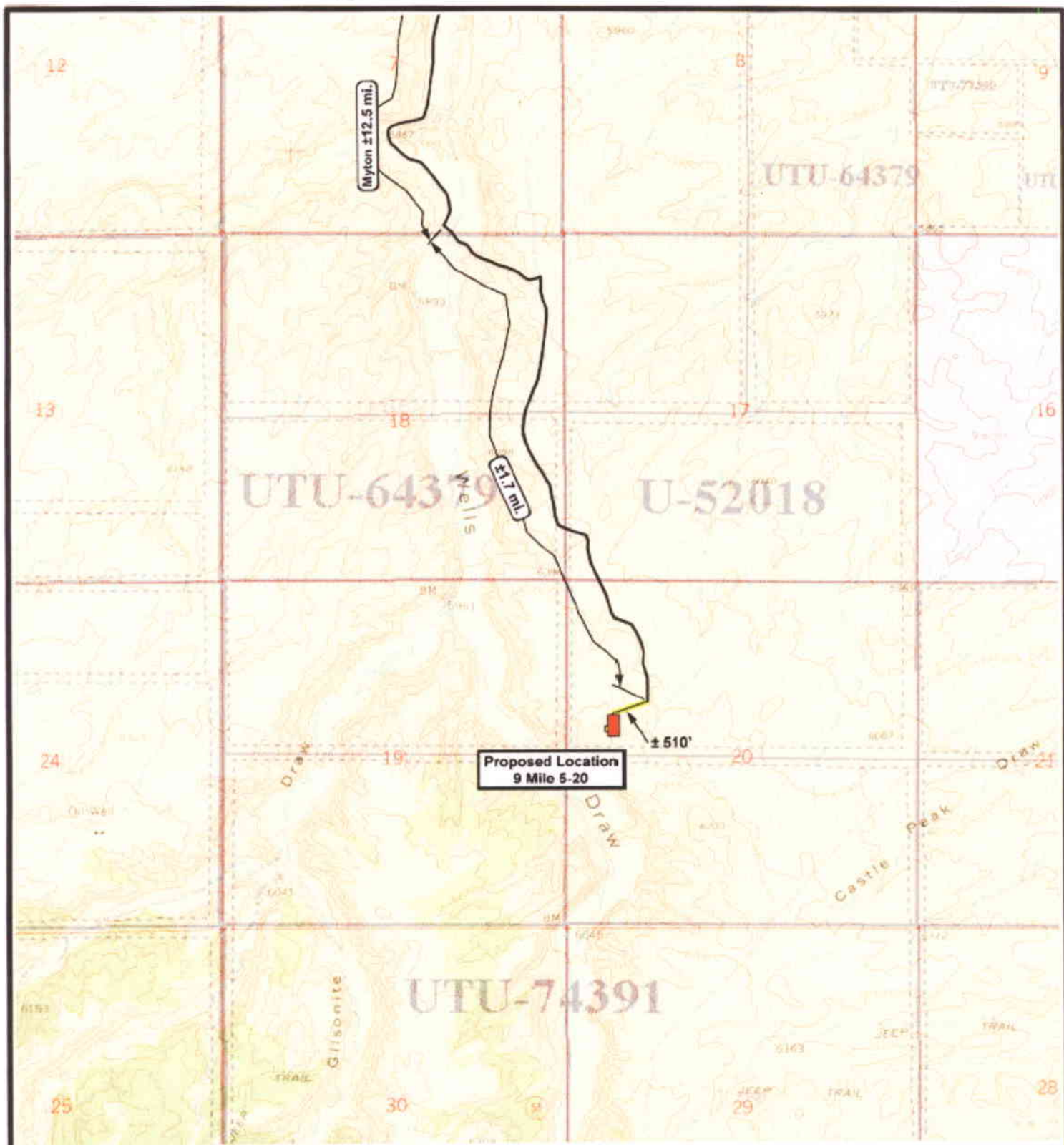
DATE: 02-23-2006

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 5-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave., Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

DATE: 02-23-2006

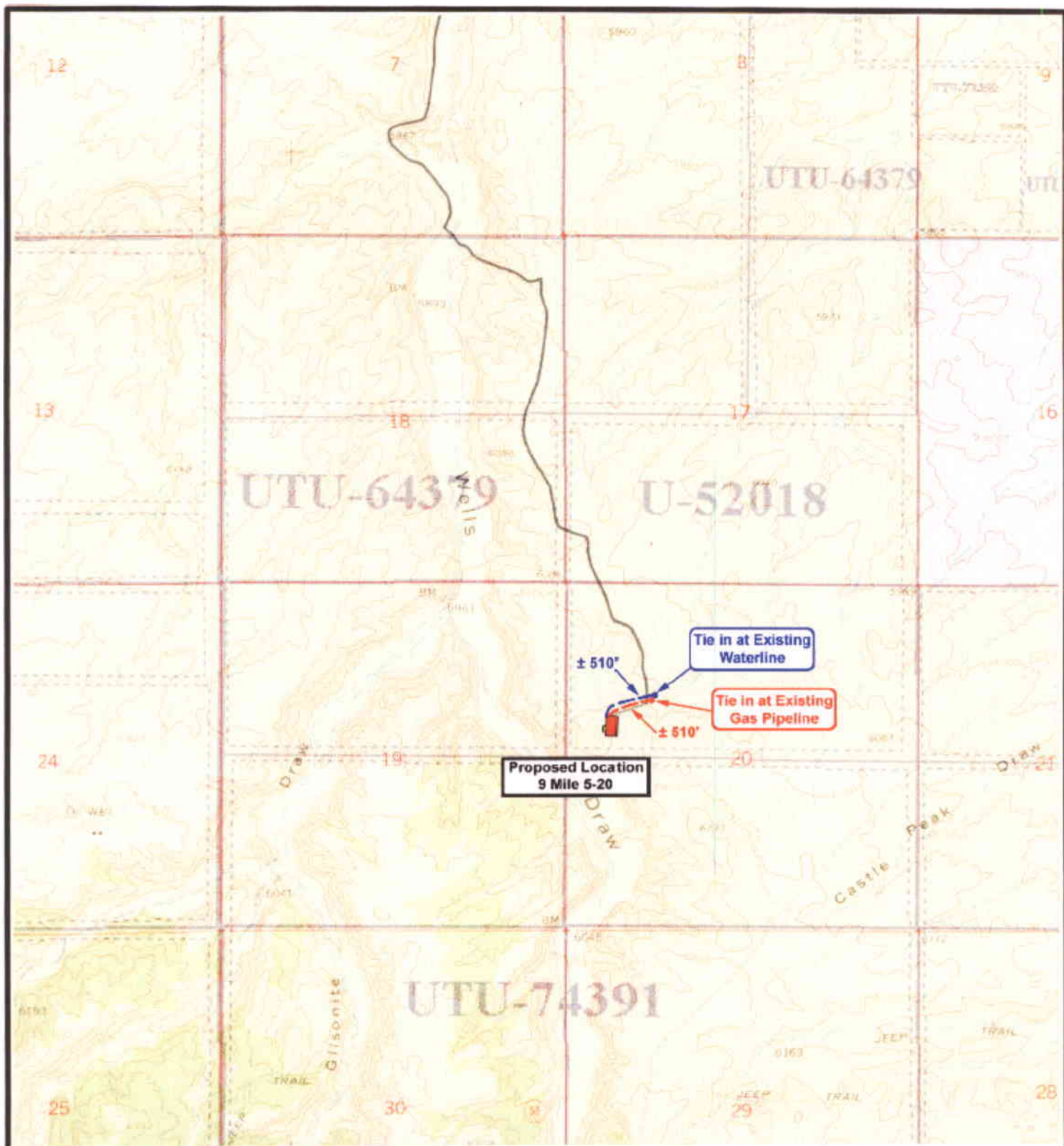
Legend

Existing Road

Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

9 Mile 5-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

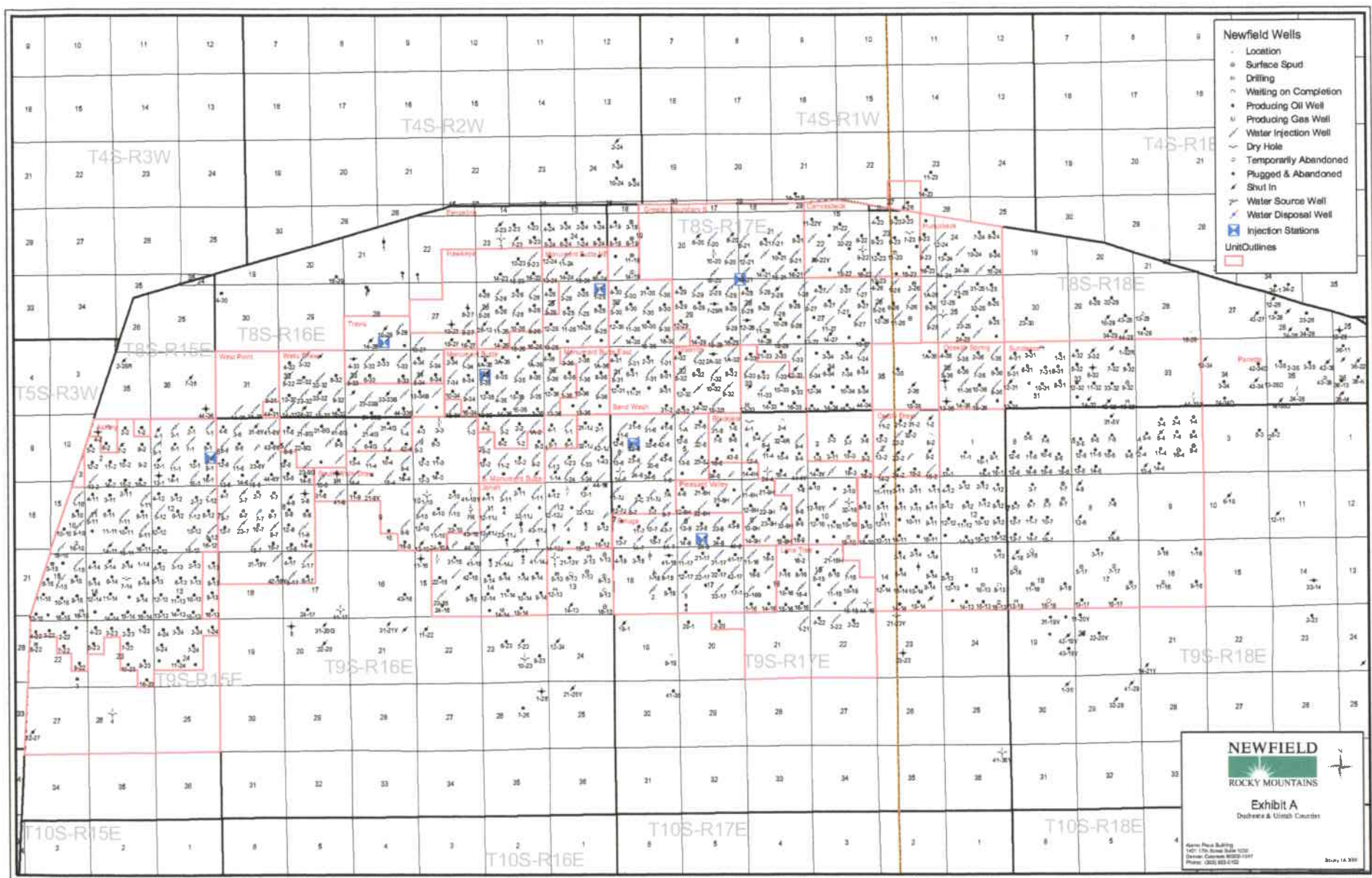
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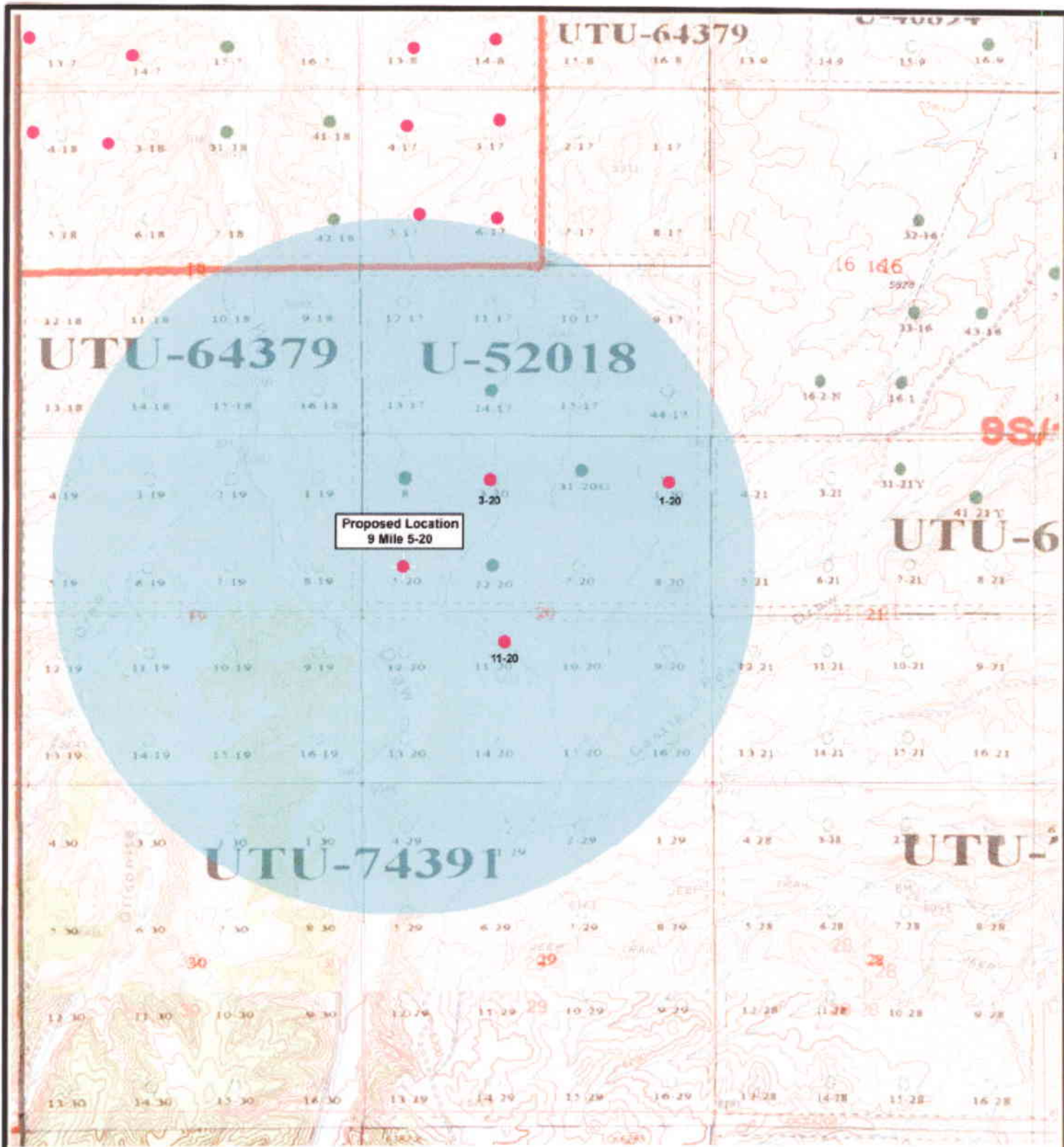
Legend


- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"







NEWFIELD
Exploration Company

9 Mile 5-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.






Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'


DRAWN BY: rrw

DATE: 02-23-2006

Legend



Proposed Location



One-Mile Radius

Exhibit "B"

Blowout Prevention Equipment Systems

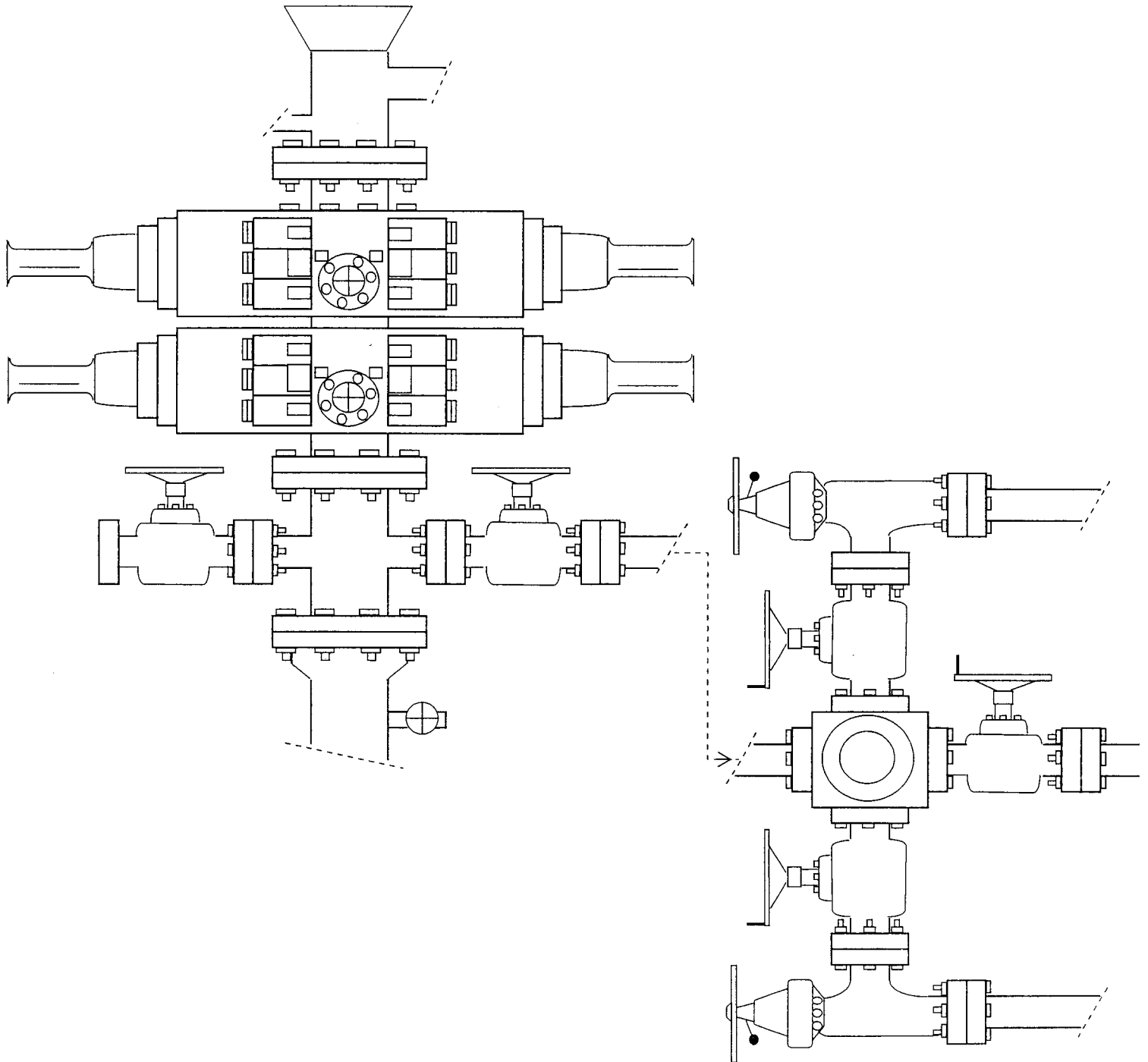


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 19 AND 20,
DUCHESNE COUNTY, UTAH

By:

Shari Maria Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-225

July 13, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0668b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/21/2006

API NO. ASSIGNED: 43-013-33104

WELL NAME: FEDERAL 5-20-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 20 090S 160E

SURFACE: 2178 FNL 0673 FWL

BOTTOM: 2178 FNL 0673 FWL

COUNTY: DUCHESNE

LATITUDE: 40.01772 LONGITUDE: -110.1495

UTM SURF EASTINGS: 572584 NORTHINGS: 4429861

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-52018

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL)

☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.

Unit: _____

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

 R649-3-3. Exception

 Drilling Unit

Board Cause No: _____

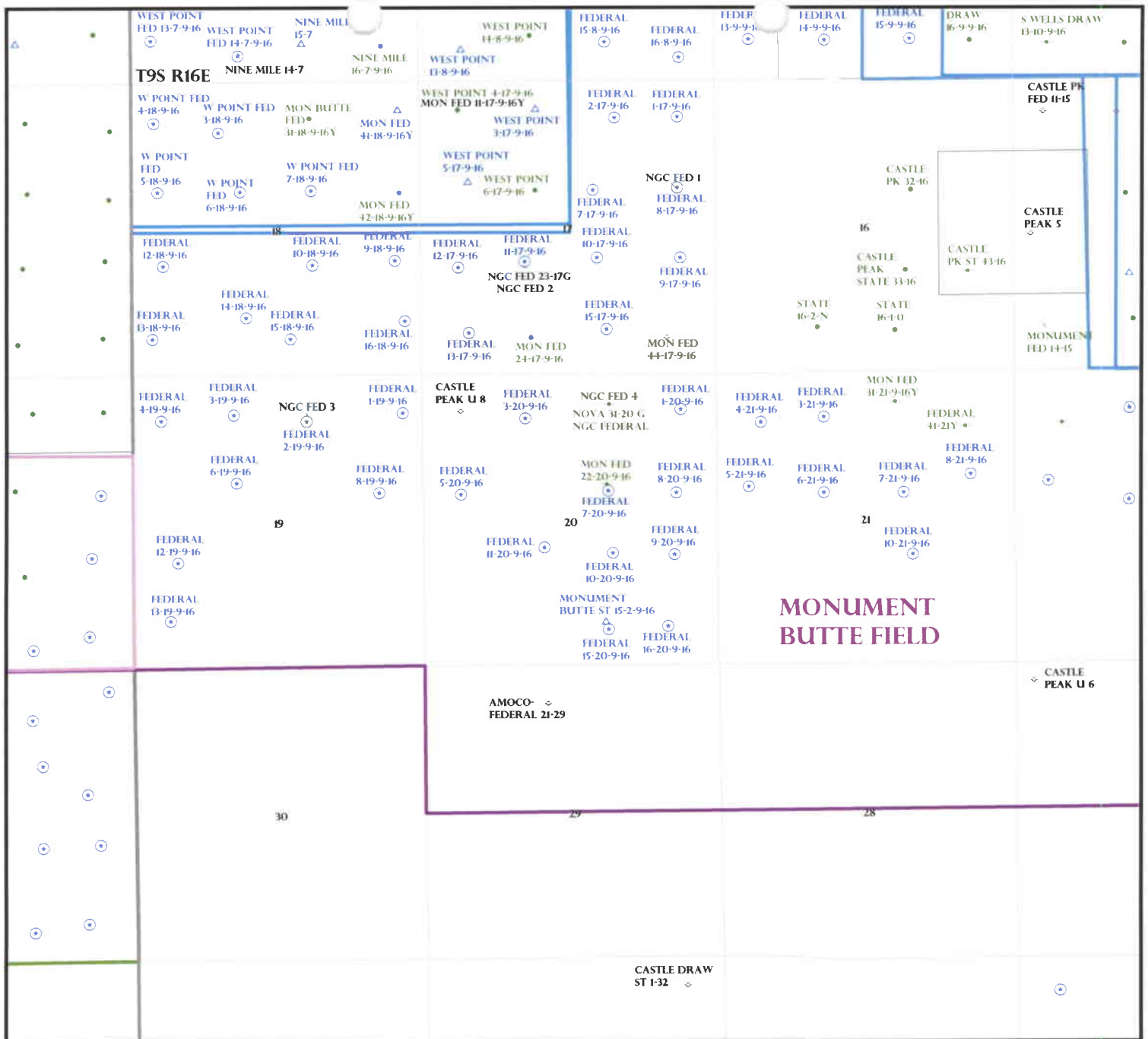
Eff Date: _____

Siting: _____

 R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19,20,21 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

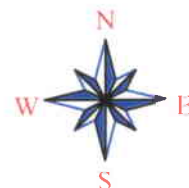
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA WHITNEY
DATE: 24-MARCH-2006



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 27, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 5-20-9-16 Well, 2178' FNL, 673' FWL, SW NW, Sec. 20, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33104.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 5-20-9-16
API Number: 43-013-33104
Lease: UTU-52018

Location: SW NW **Sec.** 20 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

MAR 21 2006

BLM VERNAL, UTAH

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

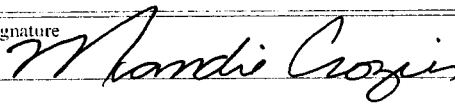
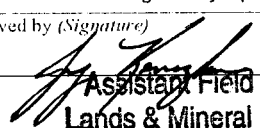
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-52018
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company			7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 5-20-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 2178' FNL 673' FWL At proposed prod. zone			9. API Well No. 43-013-33104
10. Field and Pool, or Exploratory Monument Butte			11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 20, T9S R16E
14. Distance in miles and direction from nearest town or post office* Approximatley 14.2 miles southwest of Myton, Utah			12. County or Parish Duchesne
13. State UT			
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 462' f/lse, NA' f/unit	16. No. of Acres in lease 640.00	17. Spacing Unit dedicated to this well 40 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1505'	19. Proposed Depth 5990'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6134' GL	22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/17/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kewerka	Date 2-7-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

FEB 13 2007

DIV. OF OIL, GAS & MINING

UDOGM

No NOS

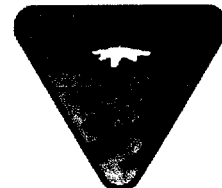
NOTICE OF APPROVAL

07BMA4691A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	SWNW, Sec 20, T9S, R16E
Well No:	Federal 5-20-9-16	Lease No:	UTU-52018
API No:	43-013-33104	Agreement:	N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | |
|---|--|
| Location Construction
(Notify Chuck Macdonald) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chuck Macdonald) | - Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

LEASE STIPULATIONS

- Lands in this lease have been identified as containing Golden eagle habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- There is a documented Golden Eagle nest located within 0.3 miles SW of the proposed location, not in line-of-site of the project area. With this occurrence there will be a timing restriction to protect the Golden Eagle nesting period from February 1- July 15.

GENERAL CONDITIONS OF APPROVAL

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.

- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

- The interim seed mix for this location shall be:

Indian Ricegrass (<i>Oryzopsis hymenoides</i>)	4 lbs/acre
Needle and Threadgrass (<i>Stipa comata</i>):	4 lbs/acre
Scarlet Globemallow (<i>Sphaeralcea coccinea</i>):	1 lb/acre
Winter Fat (<i>Ceratoides lanata</i>)	3 lbs/acre

- All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys,

sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

(June 1997)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2178 FNL 673 FWL SW/NW Section 20, T9S R16E

5. Lease Designation and Serial No.

UTU-52018

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 5-20-9-16

9. API Well No.

43-013-33104

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

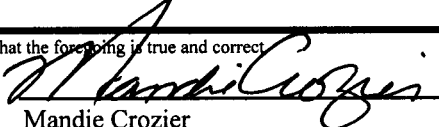
Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/27/06 (expiration 3/27/07).

Approved by the
Utah Division of
Oil, Gas and Mining

Date: **03-12-07**By: 3-12-07
RM**RECEIVED****MAR 09 2007****DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed


Mandie Crozier

Title

Regulatory Specialist

Date

3/5/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33104
Well Name: Federal 5-20-9-16
Location: SW/NW Section 20,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/27/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ *MA*

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Mandi Cozic

Signature

3/5/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

MAR 09 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBJECT TO PROVISIONS OF THE MINERAL LEASES AND AGREEMENTS

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2178 FNL 673 FWL

SWNW Section 20 T9S R16E

5. Lease Serial No.

Federal

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-20-9-16

9. API Well No.

4301333104

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/12/2007 MIRU NDSI NS # 1. Spud well @ 10:30 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.88' KB On 6/18/2007 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 8 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Troy Zufelt

Signature

Title

Drilling Supervisor

Date

06/18/2007

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAY 21 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.88

LAST CASING 8 5/8" set @ 323.88
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320 LOGGER _____
 HOLE SIZE 12 1/4


OPERATOR Newfield Production Company
 WELL Federal 5-20-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # ND SI NS # 1

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 44.72'						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.03	
		GUIDE shoe			8rd	A	0.9	
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING			313.88
TOTAL LENGTH OF STRING			313.88	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS			1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT			0		CASING SET DEPTH			323.88
TOTAL			312.03	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)			312.03	7				
TIMING			1ST STAGE					
BEGIN RUN CSG.			Spud 6/12/2007	10:30 AM	GOOD CIRC THRU JOB			YES
CSG. IN HOLE			6/12/2007	5:15 PM	Bbls CMT CIRC TO SURFACE			8
BEGIN CIRC			6/18/2007	9:14 AM	RECIPROCATED PIPE FOR			N/A
BEGIN PUMP CMT			6/18/2007	9:31 AM				
BEGIN DSPL. CMT			6/18/2007	9:43 AM	BUMPED PLUG TO			754 PSI
PLUG DOWN			6/18/2007	9:52 AM				
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield						
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3								

COMPANY REPRESENTATIVE Troy Zufelt DATE 6/18/2007

RECEIVED
MAY 21 2007
 DIV. OF OIL, GAS & MINING

OPERATOR ACCT. NO. N2696


Signature _____ Jenri Park
Production Clerk _____ June 13, 2007
Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2178 FNL 673 FWL
SWNW Section 20 T9S R16E

5. Lease Serial No.

USA UTU-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-20-9-16

9. API Well No.

4301333104

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 7/1/2007 MIRU Patterson Rig # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,945'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 5939.99' / KB. Cement with 349 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 426 sks cement mixed @ 14.4 ppg & 1.24 yld. With 5 bbls returned to pit.well flowing shut well in decision made to squeeze-block through kill line.Cement with 205 sks Class "G" Neat cement mixed @ 15.8 ppg & 1.15 yld.cement to surface well shut in with 720 psi wait 15 hrs well dead Nipple down Bop's.Release rig 2:00 pm on 7/15/2007.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Troy Zufelt

Signature

Title

Drilling Supervisor

Date

07/18/2007

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

JUL 20 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5939.99

Flt cllr @ 5918.22

LAST CASING 8 5/8" Set @ 323.88

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 5-20-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson-UTI Rig # 155

TD DRILLER 5940' TD loggers _____

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt						14	
		Short jt 6.33' @ 3958.44'							
134	5 1/2"	ETC LT & C casing		15.5#	J-55	8rd	A	5906.22	
								0.6	
1	5 1/2"	ETC LT&C csg		15.5#	J-55	8rd	A	20.52	
		GUIDE shoe				8rd	A	0.65	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				5941.99	
TOTAL LENGTH OF STRING		5941.99	135	LESS CUT OFF PIECE				14	
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12	
PLUS FULL JTS. LEFT OUT		306.37	7	CASING SET DEPTH				5939.99	
TOTAL		6233.11	142	} COMPARE					
TOTAL CSG. DEL. (W/O THRDS)		6233.11	142						
TIMING		1ST STAGE	2nd STAGE						
BEGIN RUN CSG.		7/13/2007	6:00 AM	GOOD CIRC THRU JOB		Yes			
CSG. IN HOLE		7/13/2007	12:00 PM	Bbls CMT CIRC to surface		5			
BEGIN CIRC		7/13/2007	12:30 PM	RECIPROCATED PIPE FOR		THRUSTROKE			
BEGIN PUMP CMT		7/13/2007	2:10 PM	DID BACK PRES. VALVE HOLD ?		yes			
BEGIN DSPL. CMT		7/13/2007	3:05 PM	BUMPED PLUG TO		2183		PSI	
PLUG DOWN		7/13/2007	3:33 PM						
CEMENT USED		CEMENT COMPANY- B. J.							
STAGE	# SX	CEMENT TYPE & ADDITIVES							
1	349	Premlite II w/ + 3 % KCL, 5#'s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF							
		mixed @ 11.0 ppg W / 3.49 cf/sk yield							
2	426	50/50:2 W/ 2% Gel + 3% KCL, .5%EC1,1/4# skC.F.2%SF+.3% SMS+FP-6L mixed @14.4 ppgW/ 1.24YLD							
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.									

COMPANY REPRESENTATIVE Troy Zufelt

DATE 7/13/2007

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

<p style="text-align: center;"><u>5 1/2"</u> CASING SET AT <u>5939.99</u></p> <p>LAST CASING <u>8 5/8"</u> Set @ <u>323.88</u></p> <p>DATUM <u>12' KB</u></p> <p>DATUM TO CUT OFF CASING <u>12'</u></p> <p>DATUM TO BRADENHEAD FLANGE _____</p> <p>TD DRILLER <u>5940'</u> TD loggers _____</p> <p>HOLE SIZE <u>7 7/8"</u></p>	<p>Flt cllr @ <u>5918.22</u></p> <p>OPERATOR <u>Newfield Production Company</u></p> <p>WELL <u>Federal 5-20-9-16</u></p> <p>FIELD/PROSPECT <u>Monument Butte</u></p> <p>CONTRACTOR & RIG # <u>Patterson-UTI Rig # 155</u></p>
--	---

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 6.33' @ 3958.44'					
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5906.22
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.52
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5941.99
TOTAL LENGTH OF STRING		5941.99	135	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		306.37	7	CASING SET DEPTH			5939.99
TOTAL		6233.11	142	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6233.11	142				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.				GOOD CIRC THRU JOB <u>Squeez-Block</u>			
CSG. IN HOLE				Bbls CMT to surface <u>38</u>			
BEGIN CIRC				RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		7/14/2007	1:53 PM	DID BACK PRES. VALVE HOLD ? <u>Shut well in W/720 PSI</u>			
BEGIN DSPL. CMT				PSI			
PLUG DOWN							

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	205	Class"G" Neat W/ 1.15 cf/sk yld	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			

COMPANY REPRESENTATIVE Troy Zufelt DATE 7/14/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

2007 AUG 13 2007
RECEIVED



1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone (include area code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 2178 FNL 673 FWL
 SWNW Section 20 T9S R16E

5. Lease Serial No.
 USA UTU-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
 FEDERAL 5-20-9-16

9. API Well No.
 4301333104

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature 	Date 08/10/2007



Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

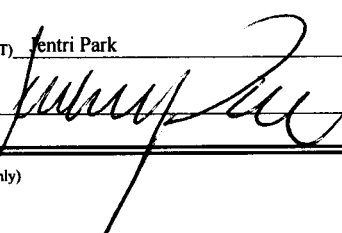
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-52018
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2178 FNL 673 FWL		8. WELL NAME and NUMBER: FEDERAL 5-20-9-16
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 20, T9S, R16E		9. API NUMBER: 4301333104
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/22/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 08/09/07, attached is a daily completion status report.

AUG 29 2007

NAME (PLEASE PRINT) <u>Centri Park</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u></u>	DATE <u>08/22/2007</u>

(This space for State use only)

Daily Activity Report

Format For Sundry

FEDERAL 5-20-9-16**6/1/2007 To 10/30/2007****7/18/2007 Day: 1****Completion**

Rigless on 7/17/2007 - 5 1/2 casing is cemented solid off center. Cannot install slips or packoff on sfc casing head. RU PSI Logging truck to 3M production head to run CBL W/ pressure. Casing stump has bad threads--will not hold any pressure (release hot oiler & run CBL W/ no pressure). WLTD @ 5885' & cmt top @ sfc. Run Pulsed Neutron log W/ Gamma Ray/CCL f/ WLTD (5882') to 3885'. RD WLT & SIFN W/ 141 BWTR.

7/26/2007 Day: 2**Completion**

Rigless on 7/25/2007 - Dig out cellar. Cut off conductor pipe & 8 5/8 sfc casing @ btm of cellar. Cut off 3' of 5 1/2" casing which was warped, stretched & deformed. Weld on new 5 1/2" stump. Weld new 8 5/8" casing extension and install new WHI 92 wellhead. Install 5 1/2" slips and packing. Install 5M frac head & NU Cameron BOP. RU HO trk & pressure test casing, welded extension, frac head, blind rams & casing valves to 4500 psi. All looks good. Re-fill cellar.

7/31/2007 Day: 3**Completion**

Rigless on 7/30/2007 - RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5885' & CMT top @ surface. Perforated 1st stage, CP4 sds @ 5724-34' & CP3 sds @ 5660-69' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 76 shots. SIFN.

8/7/2007 Day: 4**Completion**

Rigless on 8/6/2007 - Stage #1 CP3 & CP4 sds. RU BJ Services. 28 psi on well. Frac CP3 & CP 4sds w/ 49,687#'s of 20/40 sand in 482 bbls of Lightning 17 fluid. Broke @ 3109 psi. Treated w/ ave pressure of 2062 psi w/ ave rate of 24.8 BPM. ISIP 2275 psi. Leave pressure on well. 623 BWTR. Stage #2 LODC sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 20' perf gun. Set plug @ 5270'. Perforate LODC sds @ 5150-70' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 80 shots. RU BJ Services. 1930 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1760 psi on well. Frac LODC sds w/ 59,976#'s of 20/40 sand in 541 bbls of Lightning 17 frac fluid. Broke @ 3781 psi. Treated w/ ave pressure of 1952 psi w/ ave rate of 24.8 BPM. ISIP 2110 psi. Leave pressure on well. 1164 BWTR. Stage #3 A3 sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 20' perf gun. Set plug @ 5120'. Perforate A3 sds @ 5046-66' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 80 shots. RU BJ Services. 1706 psi on well. Frac A3 sds w/ 70,150#'s of 20/40 sand in 582 bbls of Lightning 17 frac fluid. Broke @ 2229 psi. Treated w/ ave pressure of 2225 psi w/ ave rate of 24.8 BPM. ISIP 2340 psi. Leave pressure on well. 1746 BWTR. Stage #4 B2 sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' perf gun. Set plug @ 4990'. Perforate B2 sds @ 4880-92' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 48 shots. RU BJ Services. 1664 psi on well. Frac Bs sds w/ 29,054#'s of 20/40 sand in 470 bbls of Lightning 17 frac fluid. Broke @ 3870 psi. Treated w/ ave pressure of 2463 psi w/ ave rate of 24.8 BPM. ISIP 2290 psi. Leave pressure on well. 2216

BWTR. Stage #5 D1 & D2 sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' & 5' perf gun. Set plug @ 4750'. Perforate D2 sds @ 4649-54' & D1 sds @ 4596-4608' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 68 shots. RU BJ Services. 1576 psi on well. Frac D1 & D2 sds w/ 27,540#'s of 20/40 sand in 372 bbls of Lightning 17 frac fluid. Broke @ 3053 psi. Treated w/ ave pressure of 1664 psi w/ ave rate of 24.8 BPM. ISIP 1700 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 5 hrs. & died. Recovered 275 bbls water. SWIFN.

8/8/2007 Day: 5

Completion

Western #3 on 8/7/2007 - MIRU Western #3. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag plug @ 4750'. RU powerswivel & pump. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 4948'. C/O to CBP @ 4990'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 5086'. C/O to CBP @ 5120'. DU CBP in 15 min. Circulate well clean. SWIFN.

8/9/2007 Day: 6

Completion

Western #3 on 8/8/2007 - RIH w/ tbg. Tag fill @ 5145'. C/O to CBP @ 5270'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 5760'. C/O to PBTD @ 5908'. Circulate well clean. Pull up to 5843'. RU swab. SFL @ surface. Made 14 runs. Recovered 125 bbls. Trace of oil. Small show of sand. EFL @ 1300'. RIH w/ tbg. Tag @ 5901'. C/O to PBTD @ 5908'. Circulate well clean. POOH w/ tbg. to 1251'. SWIFN.

8/10/2007 Day: 7

Completion

Western #3 on 8/9/2007 - Cont. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 181 jts 2 7/8" tbg. ND BOPs. Set TAC @ 5705' w/ 16,000# tension. NU wellhead. X-over for rods. RU hotoiler to tbg. Flush tbg. w/ 60 bbls 250° water. RIH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 103- 3/4" slick rods, 100- 3/4" guided rods, 1- 6', 4', 2' x 3/4" pony subs, 1 1/2" x 26' polished rod. Seat pump. Fill tbg. w/ 1 bbls. Stroke test pump to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production @ 3:00 p.m. 72" stroke length, 5 spm. Final Report.

Pertinent Files: Go to File List

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 2178' FNL & 673' FWL (SW/NW) Sec. 20, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33104 DATE ISSUED 03/27/07

5. LEASE DESIGNATION AND SERIAL NO.

UTU-52018

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Federal

8. FARM OR LEASE NAME, WELL NO.

Federal 5-20-9-16

9. WELL NO.

43-013-33104

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 20, T9S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

06/12/07

16. DATE T.D. REACHED

07/12/07

17. DATE COMPL. (Ready to prod.)

08/09/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6134' GL

19. ELEV. CASINGHEAD

6146' KB

20. TOTAL DEPTH, MD & TVD

5945'

21. PLUG BACK T.D., MD & TVD

5908'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4596'-5734'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

VDL, DNL, TC, P
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5940'	7-7/8"	349 sx Premite II and 426 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5804'	TA @ 5705'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP4,3) 5724'-34', 5660'-69'	.49"	4/76	5660'-5734'	Frac w/ 49,687# 20/40 sand in 482 bbls fluid
(LODC) 5150'-70'	.43"	4/80	5150'-5170'	Frac w/ 59,976# 20/40 sand in 541 bbls fluid
(A3) 5046'-5066'	.43"	4/80	5046'-5066'	Frac w/ 70,150# 20/40 sand in 582 bbls fluid
(B2) 4880'-4892'	.43"	4/48	4880'-4892'	Frac w/ 29,054# 20/40 sand in 470 bbls fluid
(D2 & 1) 4649'-54', 4596'-4608'	.43"	4/68	4596'-4654'	Frac w/ 27,540# 20/40 sand in 372 bbls fluid

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33.* PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 08/09/07		2-1/2" x 1-1/2" x 12' x 15' RHAC SM Plunger Pump				PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.S. 30	GAS--MCF. 0	WATER--BBL. 44	GAS-OIL RATIO 0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jentri Park

TITLE

Production Clerk

DATE

8/24/2007

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 5-20-9-16	Garden Gulch Mkr		
				Garden Gulch 1		
				Garden Gulch 2	3914'	
				Point 3 Mkr	4160'	
				X Mkr	4424'	
				Y-Mkr	4456'	
				Douglas Creek Mkr	4568'	
				BiCarbonate Mkr	4793'	
				B Limestone Mkr	4906'	
				Castle Peak	5458'	
				Basal Carbonate	5888'	
				Total Depth (LOGGERS)	5919'	



April 30, 2012

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #5-20-9-16
Monument Butte Field, Lease #UTU-52018
Section 20-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #5-20-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg".

Eric Sundberg
Regulatory Lead

RECEIVED

MAY 01 2012

DIV OF OIL, GAS, & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #5-20-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-52018
APRIL 30, 2012

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #5-20-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – FEDERAL #3-20-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – FEDERAL #7-20-9-16
ATTACHMENT E-3	WELLBORE DIAGRAM – FEDERAL #11-20-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – FEDERAL #1-19-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #8-19-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – MONUMENT FEDERAL #22-20-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 7/18/07 -8/10/07
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Federal #5-20-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-52018
Well Location: QQ SWNW section 20 township 9S range 16E county Duchesne

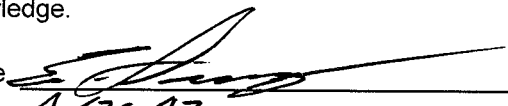
Is this application for expansion of an existing project? Yes ☒ No ☐
Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒
Is this application for a new well to be drilled? Yes ☐ No ☒
If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒
Date of test: _____
API number: 43-013-33104

Proposed injection interval: from 3913 to 5908
Proposed maximum injection: rate 500 bpd pressure 1670 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Lead Date 4/30/12
Phone No. (303) 893-0102

(State use only)

Application approved by _____ Title _____
Approval Date _____

Comments:

FEDERAL 5-20-9-16

Spud Date: 06/12/07
Put on Production: 08/09/07
GL: 6032' KB: 6044'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.03')
DEPTH LANDED: 323.88' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

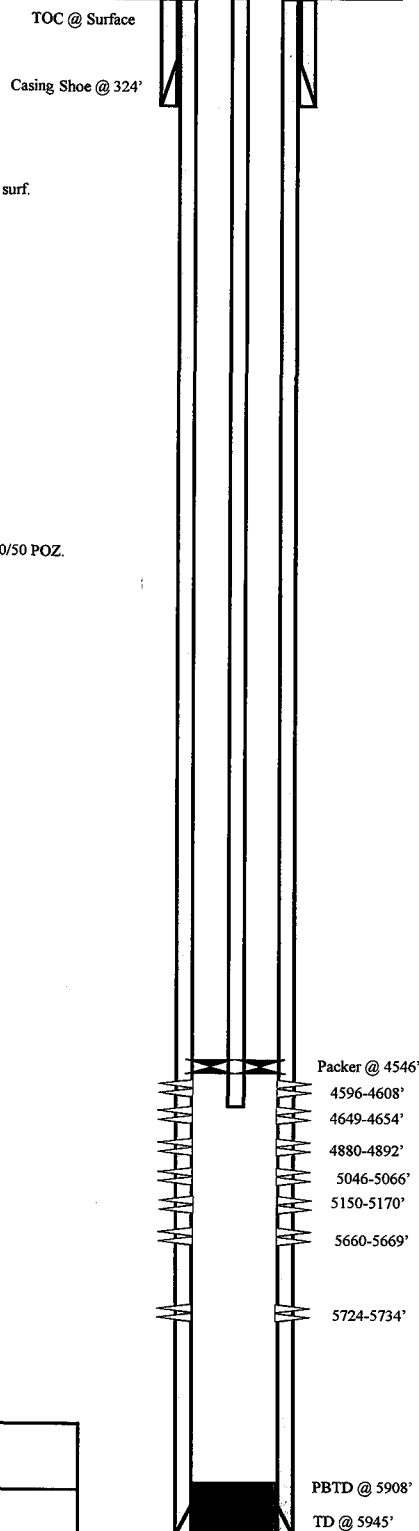
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5926.74')
DEPTH LANDED: 5939.99' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 349 sxs Prem. Lite II mixed & 426 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5692')
TUBING ANCHOR: 5704' KB
NO. OF JOINTS: 1 jts (31.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5738' KB
NO. OF JOINTS: 1 jts (31.51')
TOTAL STRING LENGTH: EOT @ 5771' W/12' KB

Proposed Injection Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

07/31/07	5660-5734'	Frac CP4 & CP3 sands as follows: 49687# 20/40 sand in 482 bbls Lightning 17 frac fluid. Treated @ avg press of 2062 psi w/avg rate of 24.8 BPM. ISIP 2275 psi. Calc flush: 5658 gal. Actual flush: 5371 gal.
08/06/07	5150-5170'	Frac LODC sands as follows: 59976# 20/40 sand in 541 bbls Lightning 17 frac fluid. Treated @ avg press of 1952 psi w/avg rate of 24.8 BPM. ISIP 2110 psi. Calc flush: 5148 gal. Actual flush: 4641 gal.
08/06/07	5046-5066'	Frac A3 sands as follows: 70150# 20/40 sand in 582 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 5044 gal. Actual flush: 4536 gal.
08/06/07	4880-4892'	Frac B2 sands as follows: 29054# 20/40 sand in 470 bbls Lightning 17 frac fluid. Treated @ avg press of 2463 psi w/avg rate of 24.8 BPM. ISIP 2290 psi. Calc flush: 4878 gal. Actual flush: 4536 gal.
08/06/07	4596-4654'	Frac D1 & D2 sands as follows: 27540# 20/40 sand in 372 bbls Lightning 17 frac fluid. Treated @ avg press of 1664 psi w/avg rate of 24.8 BPM. ISIP 1700 psi. Calc flush: 4594 gal. Actual flush: 4507 gal.
06-16-08		Workover. Rod & Tubing detail updated.
3/11/09		Stuck Pump. Updated r & t details.
11/21/09		Tubing Leak. Tubing & Rod updated.
6/8/2010		Tubing Leak. Update rod and tubing details
2/14/2011		Tubing Leak. Update rod and tubing details
07/15/11		Tubing Leak. Rods & tubing updated.

PERFORATION RECORD

07/31/07	5724-5734'	4 JSPF	40 holes
08/06/07	5660-5669'	4 JSPF	36 holes
08/06/07	5150-5170'	4 JSPF	80 holes
08/06/07	5046-5066'	4 JSPF	80 holes
08/06/07	4880-4892'	4 JSPF	48 holes
08/06/07	4649-4654'	4 JSPF	20 holes
08/06/07	4596-4608'	4 JSPF	48 holes

NEWFIELD

FEDERAL 5-20-9-16

2178'FNL & 673' FWL

SW/NW Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33104; Lease # UTU-52018

JL 4/17/2012

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
 - 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202
 - 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.
 - 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Federal #5-20-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.
 - 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.
 - 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Federal #5-20-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3913' - 5908'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3586' and the TD is at 5945'.
 - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #5-20-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-52018) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 5940' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1670 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #5-20-9-16, for existing perforations (4596' - 5734') calculates at 0.80 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1670 psig. We may add additional perforations between 3586' and 5945'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #5-20-9-16, the proposed injection zone (3913' - 5908') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-6.

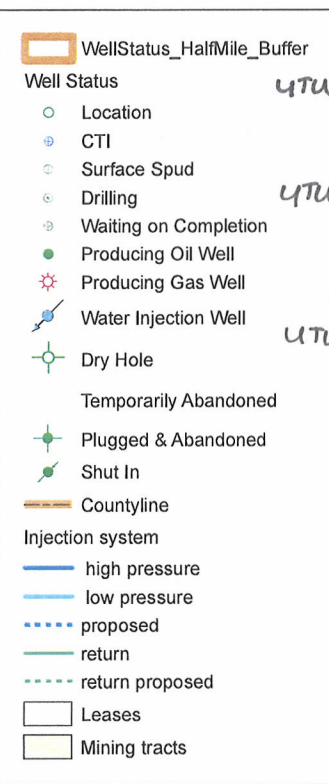
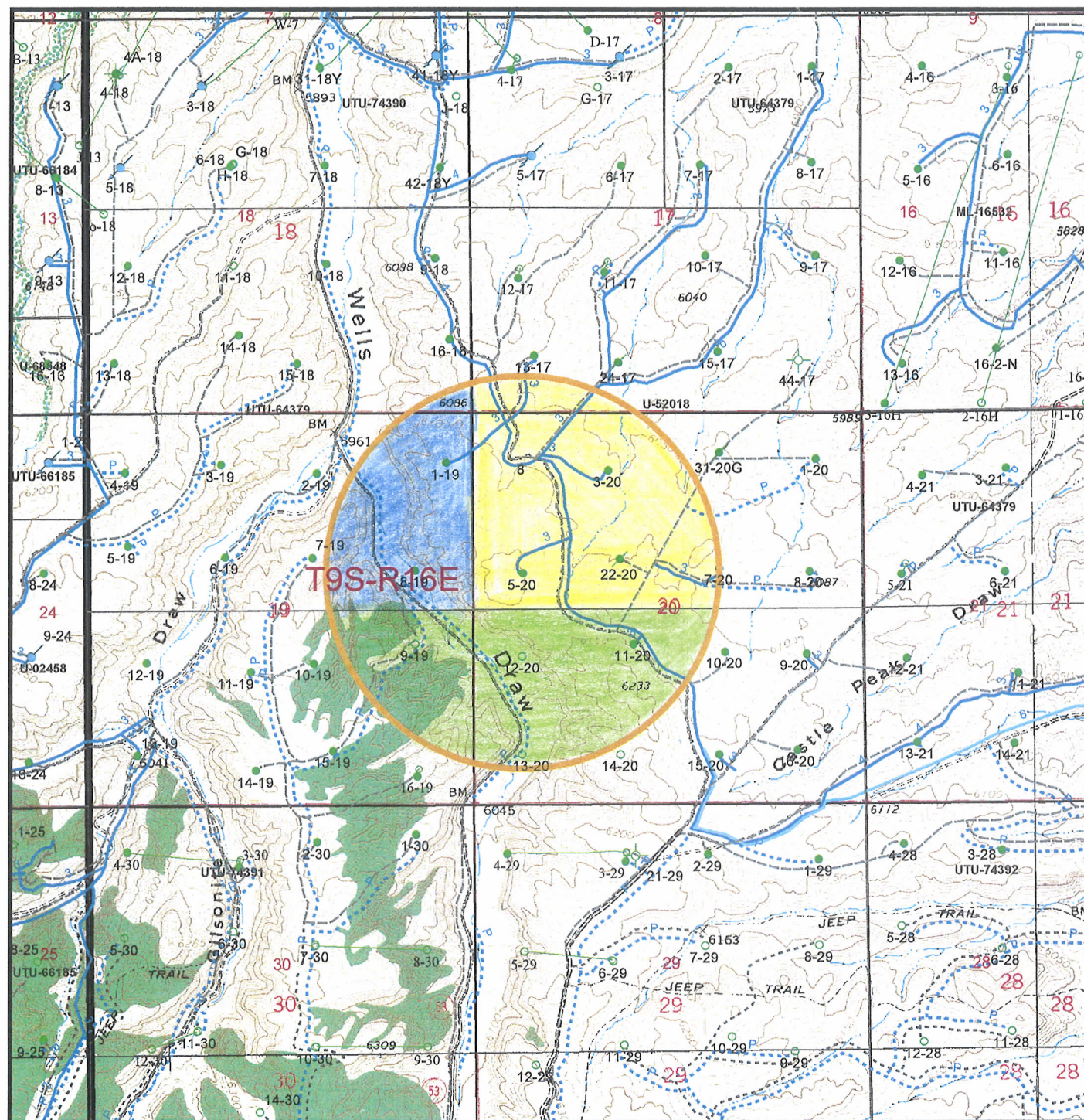
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



Federal 5-20
Section 20, T9S-R16E

NEWFIELD



ROCKY MOUNTAINS 1" = 2000'

1/2 Mile Radius Map

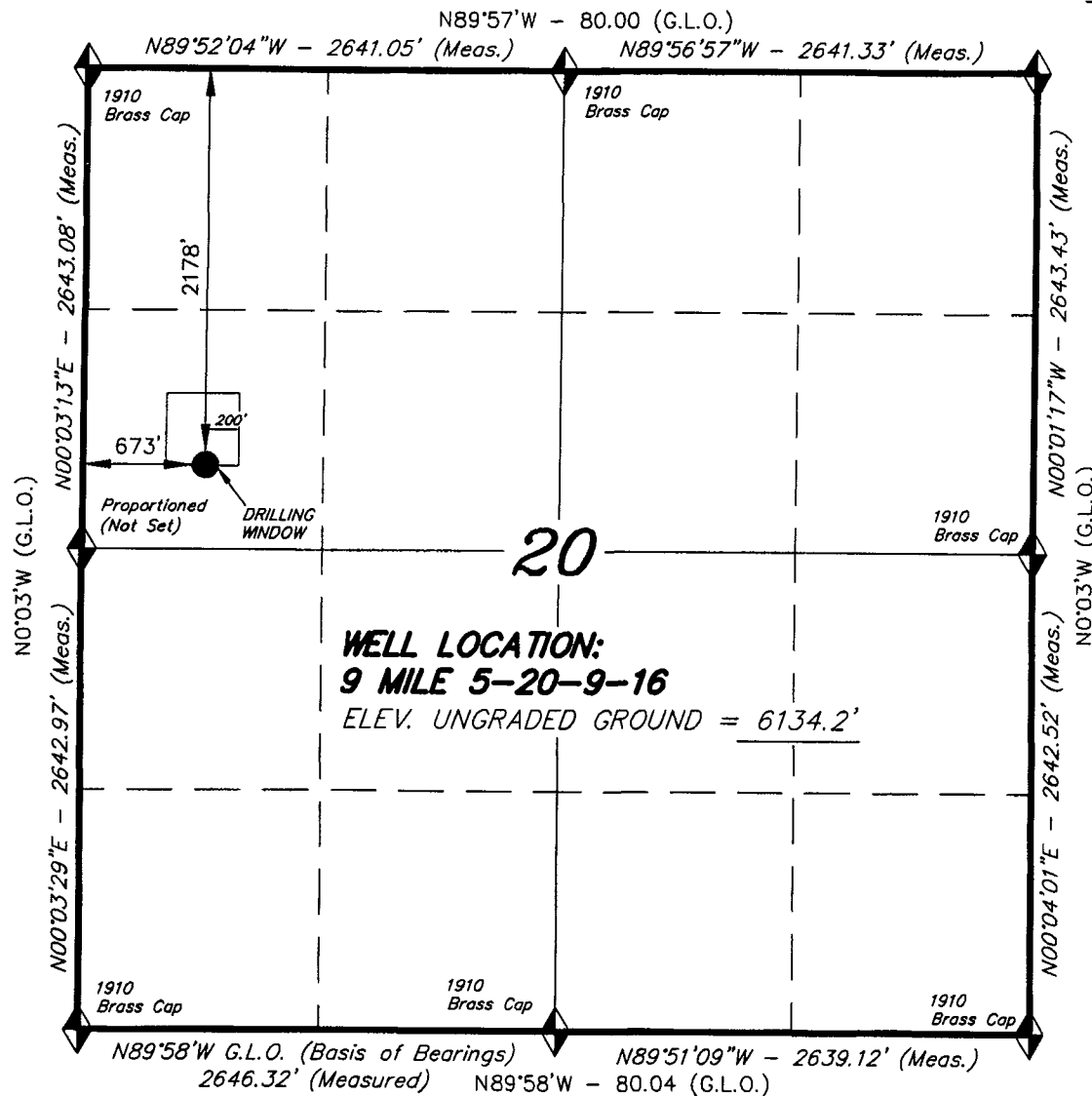
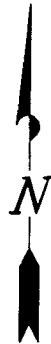
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

January 25, 2012

T9S, R16E, S.L.B.&M.**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, 9 MILE 5-20-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NW
1/4 OF SECTION 20, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

Stacy W. Stewart
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 2-16-06	SURVEYED BY: C.M.
DATE DRAWN: 2-17-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 5-20-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 03.54"
LONGITUDE = 110° 09' 00.83"

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, Lots 3, 4 Section 19: NE, E2NW, Lots 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3,4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #5-20-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Newfield Production Company
Eric Sundberg
Regulatory Lead

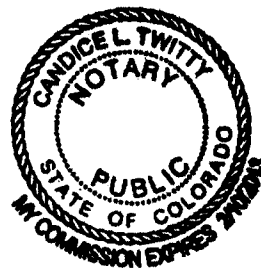
Sworn to and subscribed before me this 30th day of April, 2012.

Notary Public in and for the State of Colorado: _____

Candice L. Twitty

My Commission Expires
02/10/2013

My Commission Expires: _____



FEDERAL 5-20-9-16

Spud Date: 06/12/07
Put on Production: 08/09/07
GL: 6032' KB: 6044'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.03')
DEPTH LANDED: 323.88' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5926.74')
DEPTH LANDED: 5939.99' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 349 sxs Prem. Lite II mixed & 426 sxs 50/50 POZ.

TUBING

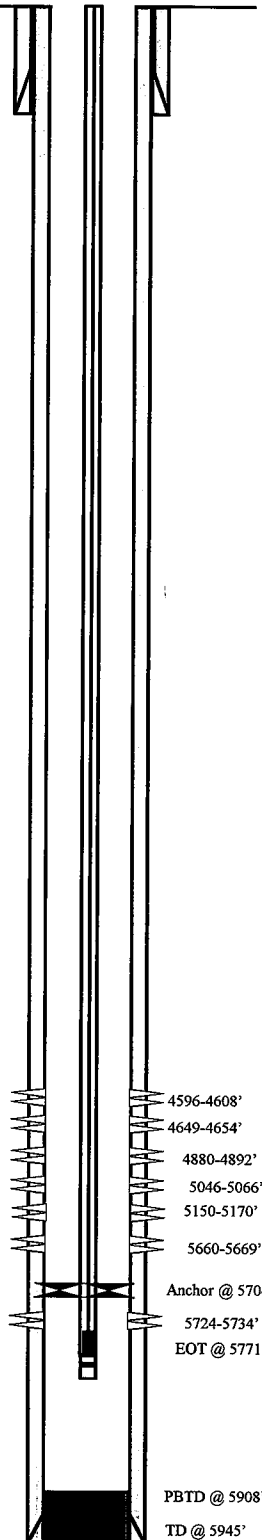
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5692')
TUBING ANCHOR: 5704' KB
NO. OF JOINTS: 1 jts (31.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5738' KB
NO. OF JOINTS: 1 jts (31.51')
TOTAL STRING LENGTH: EOT @ 5771' W/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4', 8' x 3/4" pony rods, 167-3/4" guided rod, 54-1 1/2" sucker rods, 6-1 1/2" sinker bars, 5-1" x 3" Pony Rod, 1-1" Stabilizer rods.
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 14' X 16' RHAC
STROKE LENGTH: 64"
PUMP SPEED, 4 SPM:

Wellbore Diagram

TOC @ Surface
Casing Shoe @ 324'



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

07/31/07 5660-5734' **Frac CP4 & CP3 sands as follows:**
49687# 20/40 sand in 482 bbls Lightning 17 frac fluid. Treated @ avg press of 2062 psi w/avg rate of 24.8 BPM. ISIP 2275 psi. Calc flush: 5658 gal. Actual flush: 5371 gal.

08/06/07 5150-5170' **Frac LODC sands as follows:**
59976# 20/40 sand in 541 bbls Lightning 17 frac fluid. Treated @ avg press of 1952 psi w/avg rate of 24.8 BPM. ISIP 2110 psi. Calc flush: 5148 gal. Actual flush: 4641 gal.

08/06/07 5046-5066' **Frac A3 sands as follows:**
70150# 20/40 sand in 582 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 5044 gal. Actual flush: 4536 gal.

08/06/07 4880-4892' **Frac B2 sands as follows:**
29054# 20/40 sand in 470 bbls Lightning 17 frac fluid. Treated @ avg press of 2463 psi w/avg rate of 24.8 BPM. ISIP 2290 psi. Calc flush: 4878 gal. Actual flush: 4536 gal.

08/06/07 4596-4654' **Frac D1 & D2 sands as follows:**
27540# 20/40 sand in 372 bbls Lightning 17 frac fluid. Treated @ avg press of 1664 psi w/avg rate of 24.8 BPM. ISIP 1700 psi. Calc flush: 4594 gal. Actual flush: 4507 gal.

06-16-08 Workover. Rod & Tubing detail updated.

3/11/09 Stuck Pump. Updated r & t details.

11/21/09 Tubing Leak. Tubing & Rod updated.

6/8/2010 Tubing Leak. Update rod and tubing details

2/14/2011 Tubing Leak. Update rod and tubing details

07/15/11 Tubing Leak. Rods & tubing updated.

PERFORATION RECORD

07/31/07 5724-5734' 4 JSPF 40 holes
08/06/07 5660-5669' 4 JSPF 36 holes
08/06/07 5150-5170' 4 JSPF 80 holes
08/06/07 5046-5066' 4 JSPF 80 holes
08/06/07 4880-4892' 4 JSPF 48 holes
08/06/07 4649-4654' 4 JSPF 20 holes
08/06/07 4596-4608' 4 JSPF 48 holes

NEWFIELD**FEDERAL 5-20-9-16**

2178' FNL & 673' FWL

SW/NW Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33104; Lease # UTU-52018

TW 09/12/2011

Federal 3-20-9-16

Spud Date: 5-23-07
Put on Production: 8-10-07
GL: 6063' KB: 6075'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (304.72')
DEPTH LANDED: 316.57' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 156 jts. (5962.76')
DEPTH LANDED: 5976.01' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 408'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5472')
TUBING ANCHOR: 5484' KB
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5518.2' KB
NO. OF JOINTS: 2 jts (62.70')
TOTAL STRING LENGTH: EOT @ 5582' KB

SUCKER RODS

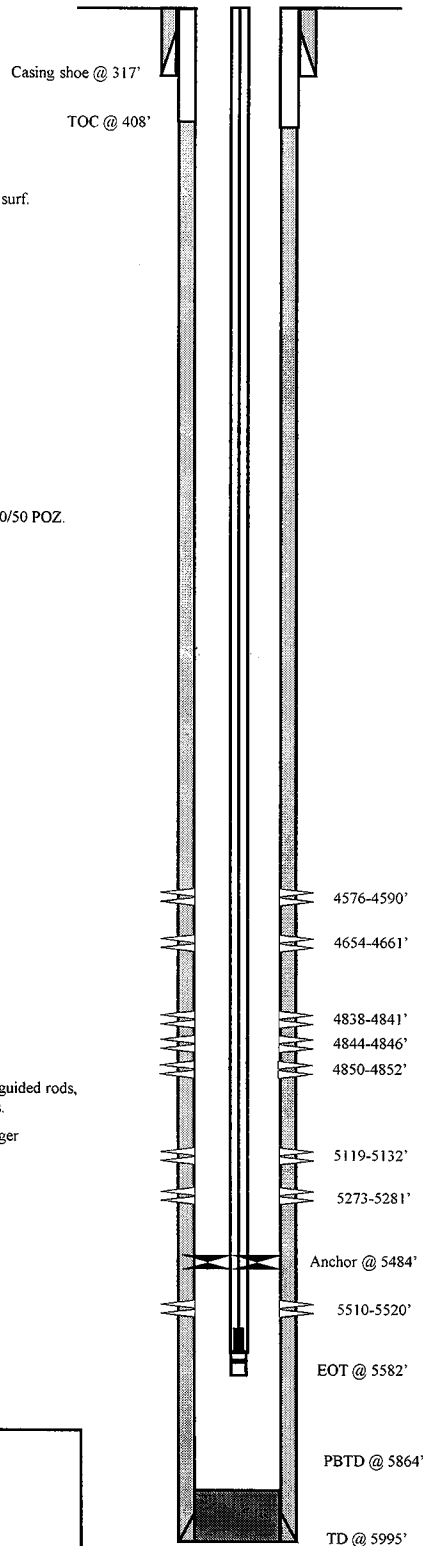
POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-4', 1-6', 1-8' X 3/4" pony rods, 99- 3/4" guided rods, 94- 3/4" sucker rods, 21- 3/4" guided rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-3/4" x 17' x 20' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

08-07-07	5510-5520'	Frac CP1 sands as follows: 28247# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 2334 psi w/avg rate of 24.8 BPM. ISIP 2280 psi. Calc flush: 5508 gal. Actual flush: 5040 gal.
08-07-07	5273-5281'	Frac LODC sands as follows: 14530# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 2660 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5271 gal. Actual flush: 4788 gal.
08-07-07	5119-5132'	Frac LODC sands as follows: 45312# 20/40 sand in 447 bbls Lightning 17 frac fluid. Treated @ avg press of 2162 psi w/avg rate of 26.2 BPM. ISIP 1900 psi. Calc flush: 5117 gal. Actual flush: 4578 gal.
08-07-07	4654-4661'	Frac D2 sand as follows: 25097# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1686 w/ avg rate of 24.8 BPM. ISIP 1760 psi. Calc flush: 4652 gal. Actual flush: 4200 gal.
08-07-07	4576-4590'	Frac D1 sand as follows: 77698# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1939 w/ avg rate of 24.8 BPM. ISIP 2122 psi. Calc flush: 4574 gal. Actual flush: 4536 gal.
08/16/07		Pump Change. Rod & Tubing detail updated.
12/30/08		Pump Change. Updated r & t details.
8/20/09		Pump Maintenance. Updated rod & tubing detail.
11-09-10	4838-4852'	Frac B2 sands as follows: 48449# 20/40 sand in 430 bbls Lightning 17 fluid.
11-11-10		Re-Completion -- updated details

PERFORATION RECORD

08-01-07	5510-5520'	4 JSPF	40 holes
08-07-07	5273-5281'	4 JSPF	32 holes
08-07-07	5119-5132'	4 JSPF	52 holes
08-07-07	4654-4661'	4 JSPF	28 holes
08-07-07	4576-4590'	4 JSPF	56 holes
11-09-10	4850-4852'	3 JSPF	6 holes
11-09-10	4844-4846'	3 JSPF	6 holes
11-09-10	4838-4841'	3 JSPF	9 holes



Federal 3-20-9-16

785' FNL & 1826' FWL

NE/NW Section 20-T9S-R16E

Duchesne Co, Utah

API # 43-013-33067; Lease # UTU-52018

Federal 7-20-9-16

Attachment E-2

Spud Date: 6-6-07

Put on Production: 8-12-05

GL: 6078' KB: 6090'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"

GRADE J-55

WEIGHT 24#

LENGTH 7 jnts (306 9')

DEPTH LANDED 318 75' KB

HOLE SIZE 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE 5-1/2"

GRADE J-55

WEIGHT 15 5#

LENGTH 1343 jts (5918 61')

DEPTH LANDED: 5931 86' KB

HOLE SIZE 7-7/8"

CEMENT DATA: 300 sxs Prem Lite II mixed & 425 sxs 50/50 POZ

CEMENT TOP AT 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO OF JOINTS 146 jts (4605')

SEATING NIPPLE 2-7/8" (1 10')

SN LANDED AT 4617' KB

ARROW #1 PKR CE @ 4621 42'

TOTAL STRING LENGTH EOT @ 4626'

FRAC JOB

7-9-07 5279-5290''

Frac LODC, sands as follows:

29,554# 20/40 sand in 370 bbls Lightning 17 frac fluid Treated @ avg press of 1987 psi w/avg rate of 24.7 BPM. ISIP 2284 psi. Calc flush 5277 gal Actual flush: 4746 gal

7-9-07 5030-5038'

Frac LODC sands as follows:

24,274# 20/40 sand in 368 bbls Lightning 17 frac fluid Treated @ avg press of 2044 psi w/avg rate of 24.7 BPM. ISIP 2143 psi. Calc flush 5028 gal Actual flush: 4557 gal

7-9-07 4946-4957'

Frac A3 sands as follows:

40,017# 20/40 sand in 427 bbls Lightning 17 frac fluid Treated @ avg press of 1862 psi w/avg rate of 24.7 BPM. ISIP 2238 psi. Calc flush: 4944 gal Actual flush: 4389 gal

7-9-07 4655-4668'

Frac D3 sands as follows:

48,763# 20/40 sand in 450 bbls Lightning 17 frac fluid. 24.8 BPM Calc flush: 4653 gal Actual flush: 4578 gal

6/9/09

Stuck Pump Updated rod & tubing details

5/26/11

Pump Change Updated rod and tubing detail

01/30/12

Parted rods Updated rod and tubing detail

3/12/12

Pump change: Updated rod & tubing detail

5/9/12

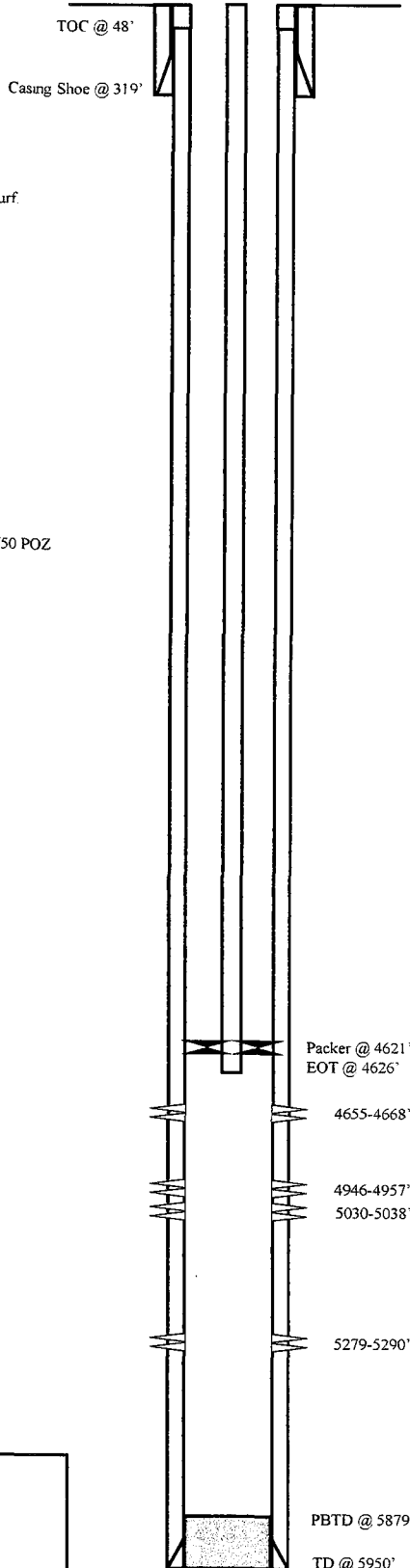
Convert to Injection Well

5/11/12

Conversion MIT Finalized - update tbq detail

PERFORATION RECORD

7-3-07	5279-5290'	4 JSPF	44 holes
7-9-07	5030-5038'	4 JSPF	32 holes
7-9-07	4946-4957'	4 JSPF	44 holes
7-9-07	4655-4668'	4 JSPF	52 holes



NEWFIELD



Federal 7-20-9-16

2098' FNL & 1961' FEL

SW/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33106; Lease #UTU-52018

Federal 11-20-9-16

Spud Date: 11/29/05
Put on Production: 11/17/06
K.B.: 6154, G.L.: 6142

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (262.90')
DEPTH LANDED: 323.15' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (6010.04')
DEPTH LANDED: 6023.29' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 165 jts (5193.4')
TUBING SWIVEL: 1.8" (5205.4')
NO. OF JOINTS: 1 jt 31.7'
TUBING ANCHOR: 5238.9' KB
NO. OF JOINTS: 1 jts (31.8')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5273.5' KB
NO. OF JOINTS: 2 jts (63.1')
TOTAL STRING LENGTH: EOT @ 5339' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-2' x 3/4" pony rods; 93- 3/4" 4per guided rods; 45- 3/4" sucker rods; 41- 3/4" 4 per guided rods; 20-3/4" 8per guided rods, 10- 1" 4per guided rods.
PUMP SIZE: 2-1/2" x 1-1/4" x 6' x 15' x 19' RHAC w/SM plunger
STROKE LENGTH: 74"
PUMP SPEED, SPM: 5

FRAC JOB

11/13/06 5256-5269' **Frac LODC sands as follows:**
78169# 20/40 sand in 622 bbls Lightning 17 frac fluid. Treated @ avg press of 2527 psi w/avg rate of 25.4 BPM. ISIP 2720 psi. Calc flush: 5267 gal. Actual flush: 4746 gal.

11/13/06 5135-5148' **Frac LODC sands as follows:**
101332# 20/40 sand in 784 bbls Lightning 17 frac fluid. Treated @ avg press of 1660 psi w/avg rate of 24.2 BPM. ISIP 1800 psi. Calc flush: 5146 gal. Actual flush: 4620 gal.

11/13/06 4612-4629' **Frac C, D3 sands as follows:**
184392# 20/40 sand in 1225 bbls Lightning 17 frac fluid. Treated @ avg press of 1436 psi w/avg rate of 24.3BPM. 1640 psi. Calc flush: 4627 gal. Actual flush: 4494 gal.
Pump Change. Update rod and tubing details.

11/27/06
Major Workover

05/14/08 4612-4629' **Acidize D2 sands:**
Pump 16.6 bbls techni-hib 767, W/ 10.1 bbls acid., ISIP @ 950 psi.

05/14/08 4650-4668' **Acidize D3 sands:**
Pump 16 bbls techni-hib 767, W/ 10.7 bbls acid., ISIP @ 675 psi.

1/9/09
Tubing Leak. Updated rod & tubing details.

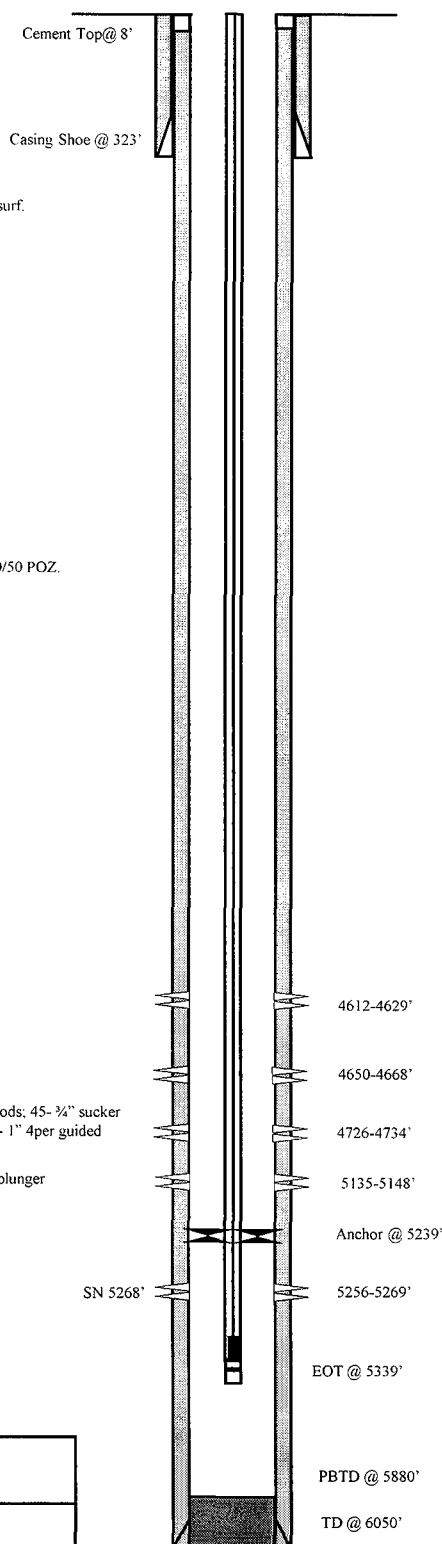
2/2/2010
Tubing leak. Updated rod and tubing details.

11/20/2010
Tubing leak. Updated rod and tubing detail.

3/20/2012
Tubing leak: Updated rod and tubing detail.

PERFORATION RECORD

11/06/06	5256-5269'	4 JSPF	52 holes
11/13/06	5135-5148'	4 JSPF	52 holes
11/13/06	4726-4734'	4 JSPF	32 holes
11/13/06	4650-4668'	4 JSPF	72 holes
11/13/06	4612-4629'	4 JSPF	68 holes



Federal 11-20-9-16

2143' FSL & 2155' FWL

NE/SW Section 20-T9S-R15E

Duchesne Co, Utah

API #43-013-32598; Lease #UTU-74391

Federal 1-19-9-16

Spud Date: 7-25-07
Put on Production: 09-11-07

GL: 6123' KB: 6135'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (295.87')
DEPTH LANDED: 306.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 154 jts (5969.80')
DEPTH LANDED: 5983.05' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 79'

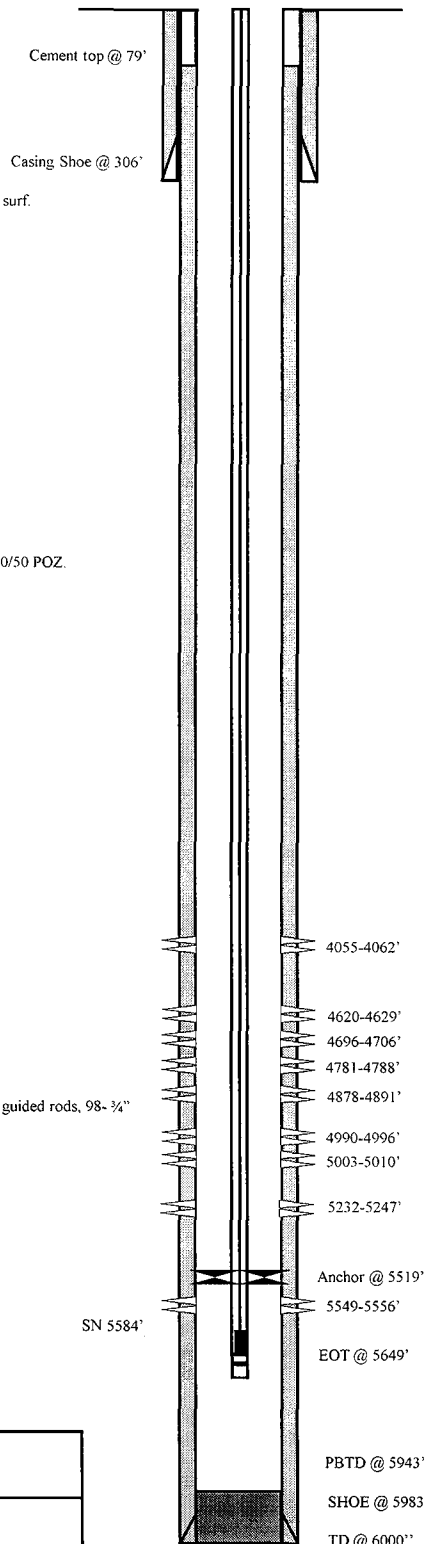
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5506.57')
TUBING ANCHOR: 5518.57' KB
NO. OF JOINTS: 2 jts (62.81')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5584.18' KB
NO. OF JOINTS: 2 jts (62.98')
TOTAL STRING LENGTH: EOT @ 5648.71' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-2", 1-4", & 1-8" x 3/4" pony rods, 98- 3/4" guided rods, 98- 3/4" slick rods, 20- 3/4" guided rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 18' RHAC w/SM plunger
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

09-05-07	5549-5556'	Frac CPI sands as follows: 15110# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 2353 psi w/avg rate of 24.9 BPM. ISIP 2692 psi. Calc flush: 5547 gal. Actual flush: 5040 gal.
09-05-07	5232-5247'	Frac LODC sands as follows: 50233# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2511 psi w/avg rate of 24.8 BPM. ISIP 2464 psi. Calc flush: 5230 gal. Actual flush: 4746 gal.
09-05-07	4990-5010'	Frac A1 sands as follows: 20077# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2085 psi w/avg rate of 24.7 BPM. ISIP 2373 psi. Calc flush: 4988 gal. Actual flush: 4536 gal.
09-05-07	4878-4891'	Frac B2 sand as follows: 49985# 20/40 sand in 456 bbls Lightning 17 frac fluid. Treated @ avg press of 1957 w/avg rate of 24.8 BPM. ISIP 2153 psi. Calc flush: 4876 gal. Actual flush: 4410 gal.
09-06-07	4781-4788'	Frac C sand as follows: 19649# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 w/avg rate of 24.7 BPM. ISIP 2579 psi. Calc flush: 4779 gal. Actual flush: 4326 gal.
09-06-07	4696-4706'	Frac D2 sand as follows: 40012# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1750 w/avg rate of 24.8 BPM. ISIP 2092 psi. Calc flush: 4694 gal. Actual flush: 4242 gal.
09-06-07	4620-4629'	Frac D1 sand as follows: 30099# 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 w/avg rate of 24.8 BPM. ISIP 2003 psi. Calc flush: 4618 gal. Actual flush: 4074 gal.
09-06-07	4055-4062'	Frac GB2 sand as follows: 22242# 20/40 sand in 321 bbls Lightning 17 frac fluid. Treated @ avg press of 1516 w/avg rate of 24.8 BPM. ISIP 1371 psi. Calc flush: 4053 gal. Actual flush: 3948 gal.

PERFORATION RECORD

08-29-07	5549-5556'	4 JSPF	28 holes
09-05-07	5232-5247'	4 JSPF	60 holes
09-05-07	5003-5010'	4 JSPF	28 holes
09-05-07	4990-4996'	4 JSPF	24 holes
09-05-07	4878-4891'	4 JSPF	52 holes
09-05-07	4781-4788'	4 JSPF	28 holes
09-06-07	4696-4706'	4 JSPF	40 holes
09-06-07	4620-4629'	4 JSPF	36 holes
09-06-07	4055-4062'	4 JSPF	28 holes



Federal 1-19-9-16

688' FNL & 355' FEL

NE/NE Section 19-T9S-R16E

Duchesne Co, Utah

API # 43-013-33062; Lease # UTU-64379

Spud Date: 10-25-07
Put on Production: 12-6-07
GL: 5984' KB: 5996'

Federal 8-19-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (309.39')
DEPTH LANDED: 320.29'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150jts. (5808.14')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5808.64'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 79'

TUBING

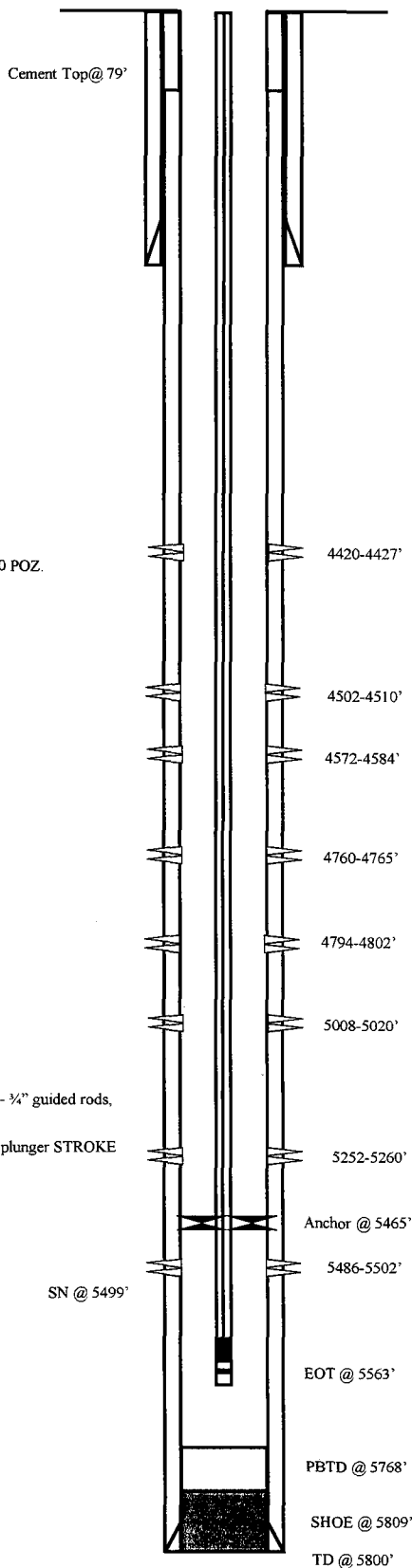
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5464.5')
TUBING ANCHOR: 5464.5'
NO. OF JOINTS: 1 jts (31.40')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5498.7' KB
NO. OF JOINTS: 2 jts (62.90')
TOTAL STRING LENGTH: EOT @ 5563.0'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 99- 1/4" guided rods, 95- 1/4" guided rods, 20- 3/4" guided rods,
6- 1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC pump w/ SM plunger STROKE
LENGTH: 74"
PUMP SPEED, SPM: 5.5'

FRAC JOB

11-20-07	5486-5502'	Frac CP3 sands as follows: Frac with 54412# 20/40 sand in 517bbls Lightning 17 fluid. Treat at 2115 psi @ 24.8 BPM. ISIP 2280 psi.
11-20-07	5252-5260'	Frac LODC sands as follows: Frac with 29857# 20/40 sand in 395 bbls Lightning 17 fluid. Treat at 2503psi @ 24.8 BPM. ISIP 2588psi.
11-21-07	5008-5020'	Frac LODC sands as follows: Frac with 40138# 20/40 sand in 375 bbls Lightning 17 fluid. Treat at 2470psi @ 24.8 BPM. ISIP 2715 psi.
11-21-07	4572-4584'	Frac C sand as follows: Frac with 14617# 20/40 sand in 263 bbls Lightning 17 fluid. Treat at 2150 psi @ 24.8 BPM. ISIP 1945 psi.
11-21-07	4502-4510'	Frac D3 sands as follows: Frac with 34878# 20/40 sand in 496 bbls Lightning 17 fluid. Treat at 2443 psi @ 23.5 BPM. ISIP 2230 psi.
11-28-07	4420-4427'	Frac D1 sands as follows: Frac with 55428# 20/40 sand in 553 bbls Lightning 17 fluid. Treat at 2201 psi @ 23.9 BPM. ISIP 2142 psi.
2/12/2010		Pump change. Updated rod and tubing.

PERFORATION RECORD

4420-4427'	4 JSPF	28 holes
4502-4510'	4 JSPF	32 holes
4572-4584'	4 JSPF	48 holes
4760-4765'	4 JSPF	20 holes
4794-4802'	4 JSPF	32 holes
5008-5020'	4 JSPF	48 holes
5252-5260'	4 JSPF	32 holes
5486-5502'	4 JSPF	64 holes

NEWFIELD



Federal 8-19-9-16
2136' FNL & 785' FEL
SENE Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33101; Lease #UTU-

Monument Federal #22-20

Elev GR - 6097' GL
Elev KB - 6107' KB (10' KB)

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 253.07'
DEPTH LANDED: 263.07' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sks super "G", 2%
CaCl₂, 1/4#/sk Cello-flake.
Returned 10 bbls to pit

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5696.50'
DEPTH LANDED: 5708.50' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 181 sks super "G", 3% salt,
2% gel, 2#/sk Kol-seal, 1/4#/sk
Cello-flake, Tail w/ 400 sks
50/50 POZ, 2% gel, 1/4#/sk
Cello-flake, 2#/sk Kol-seal.

CEMENT TOP AT: 1110' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE / J-55 / 6.5#
NO. OF JOINTS: 144 Jts (4513.91')
TUBING ANCHOR: 2-7/8"x5-1/2"x2.75'
NO. OF JOINTS: 25 Jts (778.60')
SEATING NIPPLE: 2-7/8"x1.10'
PERFORATED SUB: 2-7/8"x4.20'
MUD ANCHOR: 2-7/8"x31.40'
STRING LENGTH: 5342.38'
SN LANDED AT: 5305.26' KB

SUCKER RODS

WELL LAST PULLED: Completion

POLISHED ROD: 1-1/4"x22' SM
SUCKER RODS: 210-3/4"x25' D-61 Plain
1-7/8"x2' Pony w/ 2-1/2" guide
1-1-1/2"x25' K-Bar
1-7/8"x2' Pony w/ 2-1/2" guide

TOTAL STRING LENGTH: 5301'

PUMP NUMBER: Trico #1187
PUMP SIZE: 2-1/2"x1-1/2"x16' RW/AC
w/ SM Plunger

STROKE LENGTH: 72 inches
PUMP SPEED, SPM: 4.2 spm
PUMPING UNIT SIZE: Luikin C16D-173-74

SN: E100070M456691
PRIME MOVER: Ajax E-30, 7-1/4"x8"
SN: 79866

TANK SIZES & NUMBERS: 2-400 bbl Natco 12"x20"
TANK #1 SN: 8D-16101-03
TANK #2 SN: 8D-16101-02

ACID JOB / BREAKDOWN

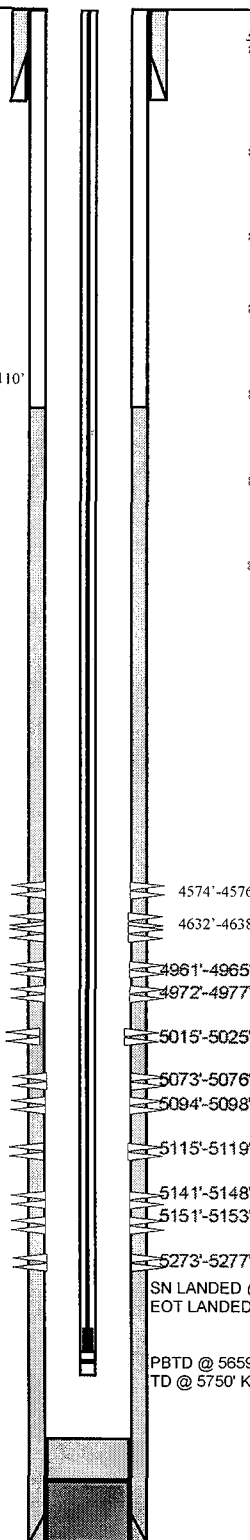
8/20/96	5273'-5277'	BJ Services: 2058 gal 2% KCL water w/ 32 ball sealers. Ball action but no ball off. ATP= 3000 psi, ATR= 3.5 bpm, ISIP= 1920 psi.
8/22/96	4961'-4965' 4972'-4977'	BJ Services: 1806 gal 2% KCL water w/ 38 ball sealers. Balled off. ATP= 2200 psi, ATR= 4.0 bpm, ISIP= 1500 psi.
8/22/96	5015'-5025'	BJ Services: 2100 gal 2% KCL water w/ 40 ball sealers. Balled off. ATP= 2600 psi, ATR= 3.6 bpm, ISIP= 1500 psi.
8/22/96	5073'-5076' 5094'-5098' 5115'-5119'	BJ Services: 2394 gal 2% KCL water w/ 44 ball sealers. Balled off. ATP= 2500 psi, ATR= 4.0 bpm, ISIP= 1300 psi.
8/22/96	5141'-5148' 5151'-5153'	BJ Services: 2436 gal 2% KCL w water w/ 36 ball sealers. Balled off. ATP= 3600 psi, ATR= 3.4 bpm, ISIP= 2100 psi.
8/29/96	4574'-4576'	BJ Services: 1554 gal 2% KCL water w/ 8 ball sealers. Balled off. ATP= 2700 psi, ATR= 4.2 bpm, ISIP= 1550 psi.
8/29/96	4632'-4638'	BJ Services: 1722 gal 2% KCL water w/ 20 ball sealers. Ball action but no ball off. ATP= 3000 psi, ATR= 3.8 bpm, ISIP= 1400 psi.

FRAC JOB

8/21/96	5273'-5277'	BJ Services: 11,214 gal 2% KCL water w/ 5700# 20/40 sand & 10,000# 16/30 sand. ATP= 3500 psi, ATR= 19.8 bpm, ISIP= 2430 psi, 5 min= 2150 psi, 10 min= 2090 psi, 15 min= 2020 psi, 30 min= 1910 psi.
8/23/96	4961'-5153'	BJ Services: 52,626 gal 2% KCL water w/ 52,200# 20/40 sand & 119,780# 16/30 sand. ATP= 2800 psi, ATR= 55.8 bpm, ISIP= 2110 psi, 5 min= 1756 psi, 10 min= 1630 psi, 15 min= 1560 psi, 30 min= 1450 psi.
8/30/96	4574'-4576' 4632'-4638'	BJ Services: 13,398 gal 2% KCL water w/ 36,400# 16/30 sand. ATP= 3500 psi, ATR= 29.8 bpm, ISIP= 1870 psi, 5 min= 1600 psi, 10 min= 1430 psi, 15 min= 1330 psi, 30 min= 1090 psi.

PERFORATION RECORD

8/20/96	Schlumberger	5273'-5277'	4 SPF
8/22/96	Schlumberger	4961'-4965'	2 SPF
		4972'-4977'	2 SPF
		5015'-5025'	2 SPF
		5073'-5076'	2 SPF
		5094'-5098'	2 SPF
		5115'-5119'	2 SPF
		5141'-5148'	2 SPF
		5151'-5153'	2 SPF
8/29/96	Schlumberger	4574'-4576'	4 Holes
		4632'-4638'	10 Holes



Monument Butte

Lease #U-52018

SE NW Section 20, T9S, R16E

1980' FNL, 1980' FWL

Duchesne County, Utah

API # 43-013-31681

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **SWDIF**Sample Point: **After production filter**Sample Date: **12/9/2011**Sample ID: **WA-204150**Sales Rep: **Darren Betts**Lab Tech: **Gary Peterson**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	12/9/2011	<i>Cations</i>		<i>Anions</i>	
System Temperature 1 (°F):	300.00	<i>mg/L</i>		<i>mg/L</i>	
System Pressure 1 (psig):	3000.00	Sodium (Na):	6799.09	Chloride (Cl):	10000.00
System Temperature 2 (°F):	70.00	Potassium (K):	26.10	Sulfate (SO ₄):	2.00
System Pressure 2 (psig):	14.70	Magnesium (Mg):	9.40	Bicarbonate (HCO ₃):	1024.80
Calculated Density (g/ml):	1.01	Calcium (Ca):	26.80	Carbonate (CO ₃):	0.00
pH:	8.20	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
Calculated TDS (mg/L):	17913.62	Barium (Ba):	24.20	Propionic Acid (C ₂ H ₅ COO)	0.00
CO ₂ in Gas (%):	0.00	Iron (Fe):	0.47	Butanoic Acid (C ₃ H ₇ COO)	0.00
Dissolved CO ₂ (mg/L):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
H ₂ S in Gas (%):	0.00	Lead (Pb):	0.70	Fluoride (F):	0.00
H ₂ S in Water (mg/L):	10.00	Ammonia NH ₃ :	0.00	Bromine (Br):	0.00
		Manganese (Mn):	0.06	Silica (SiO ₂):	0.00

Notes:

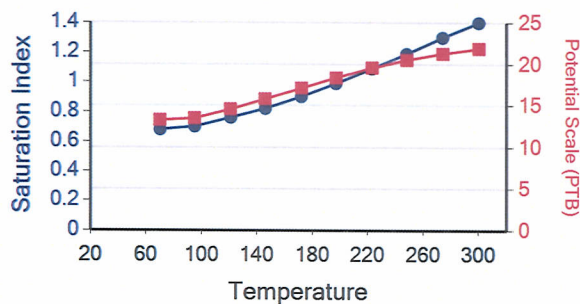
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

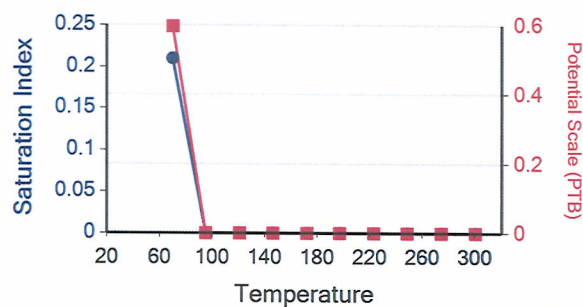
Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

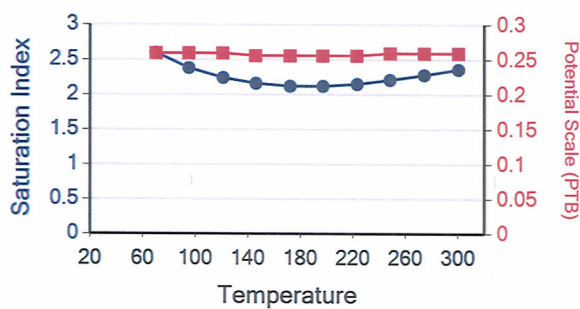
Calcium Carbonate



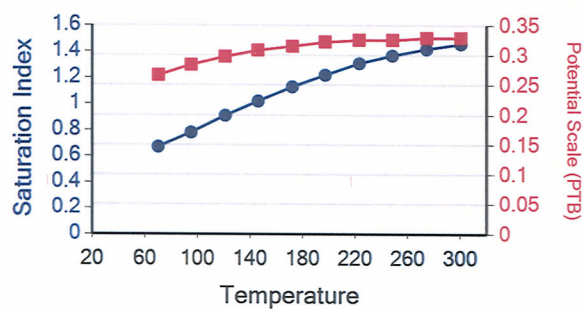
Barium Sulfate



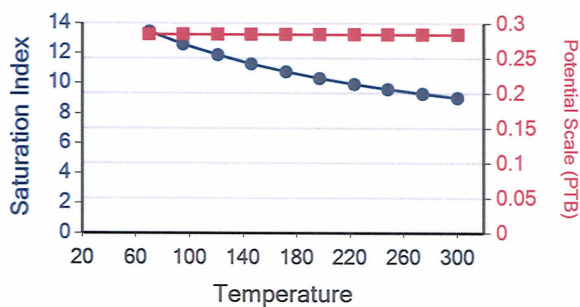
Iron Sulfide



Iron Carbonate



Lead Sulfide



Units of Measurement: Standard

3 of 4

Water Analysis Report

Production Company: NEWFIELD PRODUCTION

Well Name: FEDERAL 5-20-9-16

Sample Point:

Sample Date: 4/12/2012

Sample ID: WA-212124

Sales Rep: Darren Betts

Lab Tech: Gary Peterson

Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	4/25/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	300.00	Sodium (Na):	7428.78	Chloride (Cl):	10700.00
System Pressure 1 (psig):	3000.0000	Potassium (K):	30.20	Sulfate (SO ₄):	14.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	1.00	Bicarbonate (HCO ₃):	1342.00
System Pressure 2 (psig):	14.7000	Calcium (Ca):	2.00	Carbonate (CO ₃):	0.00
Calculated Density (g/ml):	1.01	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
pH:	9.10	Barium (Ba):	0.20	Propionic Acid (C ₂ H ₅ COO)	0.00
Calculated TDS (mg/L):	19518.24	Iron (Fe):	0.05	Butanoic Acid (C ₃ H ₇ COO)	0.00
CO ₂ in Gas (%):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):	0.00	Fluoride (F):	0.00
H ₂ S in Gas (%):	0.00	Ammonia NH ₃ :	0.00	Bromine (Br):	0.00
H ₂ S in Water (mg/L):	10.00	Manganese (Mn):	0.01	Silica (SiO ₂):	0.00

Notes:

(PTB = Pounds per Thousand Barrels)

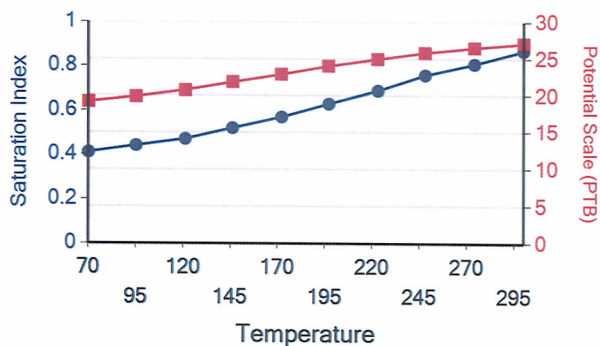
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	0.41	1.07	0.00	0.00	2.49	0.03	0.52	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	0.44	1.11	0.00	0.00	2.27	0.03	0.64	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	0.47	1.16	0.00	0.00	2.11	0.03	0.74	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	0.52	1.22	0.00	0.00	2.00	0.03	0.84	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	0.57	1.28	0.00	0.00	1.93	0.03	0.92	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	0.63	1.34	0.00	0.00	1.90	0.03	0.98	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	0.69	1.39	0.00	0.00	1.88	0.03	1.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	0.76	1.44	0.00	0.00	1.89	0.03	1.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	0.81	1.48	0.00	0.00	1.90	0.03	1.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.87	1.51	0.00	0.00	1.91	0.03	1.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

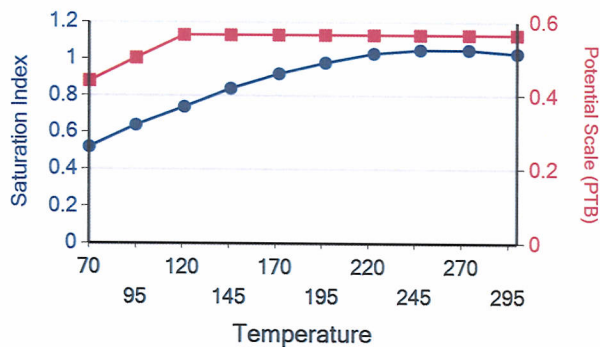
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate

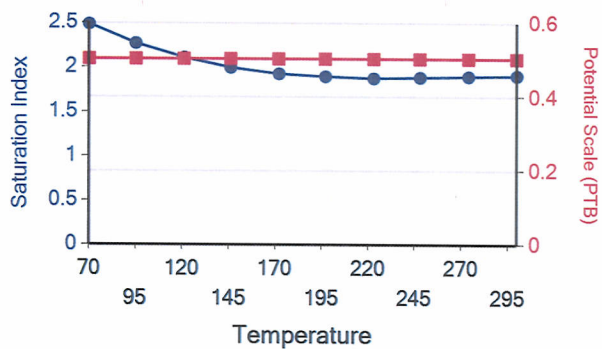
Calcium Carbonate



Iron Carbonate



Iron Sulfide



Attachment "G"

Federal #5-20-9-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient	Pmax
Top	Bottom			(psi/ft)	
5660	5734	5697	2275	0.83	2238
5150	5170	5160	2110	0.84	2077
5046	5066	5056	2340	0.90	2307
4880	4892	4886	2290	0.90	2258
4596	4654	4625	1700	0.80	1670
				Minimum	<u>1670</u>

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



10811

DAILY COMPLETION REPORT

WELL NAME: Federal 5-20-9-16

Report Date: July 18, 2007

Day: 01

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324'

Prod Csg: 5-1/2" @ 5940'

Csg PBTD: 5885' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 17, 2007

SITP: SICP: 0

5 1/2 casing is cemented solid off center. Cannot install slips or packoff on sfc casing head. RU PSI Logging truck to 3M production head to run CBL W/ pressure. Casing stump has bad threads--will not hold any pressure (release hot oiler & run CBL W/ no pressure). WLTD @ 5885' & cmt top @ sfc. Run Pulsed Neutron log W/ Gamma Ray/CCL f/ WLTD (5882') to 3885'. RD WLT & SIFN W/ 141 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 141

Starting oil rec to date:

Fluid lost/recovered today: 0

Oil lost/recovered today:

Ending fluid to be recovered: 141

Cum oil recovered:

IFL: FFL: FTP:

Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

NPC trucking	\$300
NDSI trucking	\$800
PSI logging (CBL)	\$3,864
Competition Wireline	\$10,454
Drilling cost	\$473,438
Zubiate HO trk	\$300
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervisor	\$300

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Gary Dietz

DAILY COST: \$495,456

TOTAL WELL COST: \$495,456



TOTAL WELL COST: \$500,006



DAILY COMPLETION REPORT

WELL NAME: Federal 5-20-9-16

Report Date: 8-1-07

Day: 3

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5940' Csg PBTD: 5885' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP4 sds	5724-5734'	4/40
CP3 sds	5660-5669'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: July 31, 2007

SITP: SICP: 0

RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5885' & CMT top @ surface. Perforated 1s stage, CP4 sds @ 5724-34' & CP3 sds @ 5660-69' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120) w/ 4 spf for total o 76 shots. SIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 141 Starting oil rec to date:
 Fluid lost/recovered today: 0 Oil lost/recovered today:
 Ending fluid to be recovered: 141 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type: Perforators LLC \$6,954
 Company: Action Hot oil \$472
 Procedure or Equipment detail: NPC Supervisor \$300

Max TP: Max Rate: Total fluid pmpd:
 Avg TP: Avg Rate: Total Prop pmpd:
 ISIP: 5 min: 10 min: FG:

Completion Supervisor: Ron Shuck

DAILY COST: \$7,726
 TOTAL WELL COST: \$507,732



DAILY COMPLETION REPORT

WELL NAME: Federal 5-20-9-16

Report Date: 8/7/2007

Day: 4a

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5940' Csg PBTD: 5885' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP4 sds	5724-5734'	4/40
CP3 sds	5660-5669'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/6/2007

SITP: SICP: 28

Day 4a, Stage #1 CP3 & CP4 sds.

RU BJ Services. 28 psi on well. Frac CP3 & CP 4sds w/ 49,687#'s of 20/40 sand in 482 bbls of Lightning 17 fluid Broke @ 3109 psi. Treated w/ ave pressure of 2062 psi w/ ave rate of 24.8 BPM. ISIP 2275 psi. Leave pressure or well. 623 BWTR. See Day 4b.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 141 Starting oil rec to date:
 Fluid lost/recovered today: 482 Oil lost/recovered today:
 Ending fluid to be recovered: 623 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP3 & CP4 sds down csg

1659 bbls to Techni-Hib & crosslink

3800 gals of pad

2625 gals w/ 1-5 ppg of 20/40 sand

5250 gals w/ 5-8 ppg of 20/40 sand

1324 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 7371 gals of slick water

Flush called @ blender to includee 2 bbl pump/line volume

Max TP: 2383 Max Rate: 24.9 BPM Total fluid pmpd: 482 bbls

Avg TP: 2062 Avg Rate: 24.8 BPM Total Prop pmpd: 49,687#'s

ISIP: 2275 5 min: 10 min: FG: .83

Completion Supervisor: Don Dulen

BJ Services CP3 \$24,285

CD Trucking \$1,008

NPC Gas \$139

NPC Supervisor \$60

DAILY COST: \$25,492

TOTAL WELL COST: \$533,224



DAILY COMPLETION REPORT

WELL NAME: Federal 5-20-9-16

Report Date: 8/7/2007

Day: 4b

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324'

Prod Csg: 5-1/2" @ 5940'

Csg PBTD: 5885' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

CBP @:

CBP @ 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP4 sds	5724-5734'	4/40
LODC sds	5150-5170'	4/80			
CP3 sds	5660-5669'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/6/2007

SITP: SICP: 1760

Day 4b, Stage #2 LODC sds.

RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 20' perf gun Set plug @ 5270'. Perforate LODC sds @ 5150-70' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90) w/ 4 spf for total of 80 shots. RU BJ Services. 1930 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1760 ps on well. Frac LODC sds w/ 59,976#'s of 20/40 sand in 541 bbls of Lightning 17 frac fluid. Broke @ 3781 psi. Treated w/ ave pressure of 1952 psi w/ ave rate of 24.8 BPM. ISIP 2110 psi. Leave pressure on well. 1164 BWTR. See Day 4c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 623

Starting oil rec to date:

Fluid lost/recovered today: 541

Oil lost/recovered today:

Ending fluid to be recovered: 1164

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

BJ Services CP3 \$13,010

Company: BJ Services

CD Trucking \$1,200

Procedure or Equipment detail: LODC sds down csg

NPC Gas \$165

2142 bbls to Techni-Hib & crosslink

Weatherford tools \$2,525

4600 gals of pad

Lone Wolf WL \$5,183

3000 gals w/ 1-5 ppg of 20/40 sand

NPC Supervisor \$60

6000 gals w/ 5-8 ppg of 20/40 sand

1835 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4641 gals of slick water

Flush called @ blender to include 2 bbl pump/line volume

Max TP: 2284 Max Rate: 24.9 BPM Total fluid pmpd: 541 bbls

Avg TP: 1952 Avg Rate: 24.8 BPM Total Prop pmpd: 59,976#'s

ISIP: 2110 5 min: 10 min: FG: .84

Completion Supervisor: Don Dulen

DAILY COST: \$22,143

TOTAL WELL COST: \$555,367



60811

DAILY COMPLETION REPORT

WELL NAME: Federal 5-20-9-16

Report Date: 8/7/2007

Day: 4c

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324'

Prod Csg: 5-1/2" @ 5940'

Csg PBTD: 5885' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

CBP @:

CBP @ 5120', 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP4 sds	5724-5734'	4/40
A3 sds	5046-5066'	4/80			
LODC sds	5150-5170'	4/80			
CP3 sds	5660-5669'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/6/2007

SITP: SICP: 1706

Day 4c, Stage #3 A3 sds.

RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 20' perf gun Set plug @ 5120'. Perforate A3 sds @ 5046-66' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90) w/ 4 spf for total of 80 shots. RU BJ Services. 1706 psi on well. Frac A3 sds w/ 70,150#'s of 20/40 sand in 582 bbls of Lightning 17 frac fluid. Broke @ 2229 psi. Treated w/ ave pressure of 2225 psi w/ ave rate of 24.8 BPM. ISIP 2340 psi. Leave pressure on well. 1746 BWTR. See Day 4d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1164

Starting oil rec to date:

Fluid lost/recovered today: 582

Oil lost/recovered today:

Ending fluid to be recovered: 1746

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A3 sds down csg

1344 bbls to Techni-Hib & crosslink

5400 gals of pad

3625 gals w/ 1-5 ppg of 20/40 sand

7250 gals w/ 5-8 ppg of 20/40 sand

1785 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4536 gals of slick water

Flush called @ blender to include 2 bbl pump/line volume

Max TP: 2594 Max Rate: 24.9 BPM Total fluid pmpd: 582 bbls

Avg TP: 2225 Avg Rate: 24.8 BPM Total Prop pmpd: 70,150#'s

ISIP: 2340 5 min: 10 min: FG: .90

Completion Supervisor: Don Dulen

COSTS

BJ Services CP3	\$14,980
CD Trucking	\$1,392
NPC Gas	\$192
Weatherford tools	\$2,525
Lone Wolf WL	\$5,183
NPC Supervisor	\$60

DAILY COST: \$24,332

TOTAL WELL COST: \$579,699

NEWFIELD



ATTACHMENT G-1

7 of 11

DAILY COMPLETION REPORT

WELL NAME: Federal 5-20-9-16

Report Date: 8/7/2007

Day: 4d

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5940' Csg PBTD: 5885' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: CBP @ :
 CBP @ 4990' 5120', 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP4 sds	5724-5734'	4/40
B2 sds	4880-4892'	4/48			
A3 sds	5046-5066'	4/80			
LODC sds	5150-5170'	4/80			
CP3 sds	5660-5669'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/6/2007

SITP: SICP: 1706

Day 4d, Stage #4 B2 sds.

RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' perf gun Set plug @ 4990'. Perforate B2 sds @ 4880-92' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90) w/ 4 spf for total of 48 shots. RU BJ Services. 1664 psi on well. Frac Bs sds w/ 29,054#'s of 20/40 sand in 470 bbls of Lightning 17 frac fluid. Broke @ 3870 psi. Treated w/ ave pressure of 2463 psi w/ ave rate of 24.8 BPM. ISIP 2290 psi. Leave pressure on well. 2216 BWTR. See Day 4e.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1746 Starting oil rec to date:
 Fluid lost/recovered today: 470 Oil lost/recovered today:
 Ending fluid to be recovered: 2216 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: B2 sds down csg

1768 bbls to Techni-Hib & crosslink

3000 gals of pad

2319 gals w/ 1-4 ppg of 20/40 sand

7823 gals w/ 4-6.5 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4536 gals of slick water

COSTS

BJ Services CP3	\$7,982
CD Trucking	\$600
NPC Gas	\$83
Weatherford tools	\$2,525
Lone Wolf WL	\$3,111
NPC Supervisor	\$60

Flush called @ blender to include 2 bbl pump/line volume

Max TP: 2703 Max Rate: 24.9 BPM Total fluid pmpd: 470 bbls

Avg TP: 2463 Avg Rate: 24.8 BPM Total Prop pmpd: 29,054#'s

ISIP: 2290 5 min: 10 min: FG: .90

Completion Supervisor: Don Dulen

DAILY COST: \$14,361

TOTAL WELL COST: \$594,060



8 of 11

DAILY COMPLETION REPORT

WELL NAME: Federal 5-20-9-16

Report Date: 8/7/2007

Day: 4e

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324'

Prod Csg: 5-1/2" @ 5940'

Csg PBTD: 5885' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

CBP @ : 4750'

CBP @ 4990' 5120', 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4596-4608'	4/48	CP4 sds	5724-5734'	4/40
D2 sds	4649-4654'	4/20			
B2 sds	4880-4892'	4/48			
A3 sds	5046-5066'	4/80			
LODC sds	5150-5170'	4/80			
CP3 sds	5660-5669'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/6/2007

SITP: SICP: 1576

Day 4e, Stage #5 D1 & D2 sds.

RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' & 5' per gun. Set plug @ 4750'. Perforate D2 sds @ 4649-54' & D1 sds @ 4596-4608' w/ 3-1/8" Slick Guns (.43" HE, 23 gram 90) w/ 4 spf for total of 68 shots. RU BJ Services. 1576 psi on well. Frac D1 & D2 sds w/ 27,540#'s of 20/40 sand in 372 bbls of Lightning 17 frac fluid. Broke @ 3053 psi. Treated w/ ave pressure of 1664 psi w/ ave rate of 24.8 BPM ISIP 1700 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 5 hrs. & died. Recovered 275 bbls water. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2216

Starting oil rec to date:

Fluid lost/recovered today: 97

Oil lost/recovered today:

Ending fluid to be recovered: 2313

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: D1 & D2 sds down csg

1495 bbls to Techni-Hib & crosslink

3000 gals of pad

2319 gals w/ 1-4 ppg of 20/40 sand

4286 gals w/ 4-6.5 ppg of 20/40 sand

Flush w/ 4507 gals of slick water

COSTS

BJ Services CP3 \$25,118

CD Trucking \$600

NPC Gas \$83

Weatherford tools \$2,525

Lone Wolf WL \$4,406

NPC Supervisor \$60

Mtn. West Sanitation \$300

NPC surface equip. \$130,000

Mecham Construction \$19,500

NDSI water disposal \$3,000

NPC location cleanup \$300

Monk's pit reclaim \$1,800

UniChem chemicals \$400

DAILY COST: \$188,092

TOTAL WELL COST: \$782,152

Max TP: 1887 Max Rate: 25.0 BPM Total fluid pmpd: 372 bbls

Avg TP: 1664 Avg Rate: 24.8 BPM Total Prop pmpd: 27,540#'s

ISIP: 1700 5 min: 10 min: FG: .80

Completion Supervisor: Don Dulen

9 of 11

DAILY COMPLETION REPORT

Day: 5

Rig: Western #3

WELL STATUS

Csq PBTD: 5885' WL

CBP @ : 5270'

PERFORATION RECORD

SPF/#shots

4/40

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\*\*\*\*\*A\*\*\*\*\*

## CHRONOLOGICAL OPERATIONS

SITP: SICP: 70

MIRU Western #3. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag plug @ 4750'. RU powerswivel & pump. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 4948'. C/O to CBP @ 4990'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 5086'. C/O to CBP @ 5120'. DU CBP in 15 min. Circulate well clean. SWIFN.

## FLUID RECOVERY (BBLS)

**Starting oil rec to date:**

Oil lost/recovered today: \_\_\_\_\_

**Cum oil recovered:**

Choke: Final Fluid Rate: Final oil cut:

[illegible]

## COSTS

|            |         |
|------------|---------|
| Western #3 | \$5,422 |
|------------|---------|

|                 |       |
|-----------------|-------|
| Weatherford bop | \$255 |
|-----------------|-------|

|           |       |
|-----------|-------|
| Nabors ps | \$750 |
|-----------|-------|

|                   |       |
|-------------------|-------|
| NPC flowback hand | \$150 |
|-------------------|-------|

|              |       |
|--------------|-------|
| NPC Trucking | \$600 |
|--------------|-------|

|          |          |
|----------|----------|
| B&L tbq. | \$33.373 |
|----------|----------|

|                    |       |
|--------------------|-------|
| NDSI water & truck | \$400 |
|--------------------|-------|

|                 |       |
|-----------------|-------|
| Liddel Trucking | \$800 |
|-----------------|-------|

|                |       |
|----------------|-------|
| NPC Supervisor | \$300 |
|----------------|-------|

|                    |                 |
|--------------------|-----------------|
| <b>DAILY COST:</b> | <b>\$42,050</b> |
|--------------------|-----------------|

**TOTAL WELL COST:** \$824.202

**TOTAL WELL COST:** \$824.202

## Day: 6

Rig: Western #3

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5940' Csg PBTD: 5908'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 1251' CBP @: \_\_\_\_\_

| <u>Zone</u> | <u>Perfs</u> | <u>SPF/#shots</u> | <u>Zone</u> | <u>Perfs</u> | <u>SPF/#shots</u> |
|-------------|--------------|-------------------|-------------|--------------|-------------------|
| D1 sds      | 4596-4608'   | 4/48              | CP4 sds     | 5724-5734'   | 4/40              |
| D2 sds      | 4649-4654'   | 4/20              |             |              |                   |
| B2 sds      | 4880-4892'   | 4/48              |             |              |                   |
| A3 sds      | 5046-5066'   | 4/80              |             |              |                   |
| LODC sds    | 5150-5170'   | 4/80              |             |              |                   |
| CP3 sds     | 5660-5669'   | 4/36              |             |              |                   |

**Date Work Performed:** 8/8/2007 **SITP:** 0 **SICP:** 0

RIH w/ tbg. Tag fill @ 5145'. C/O to CBP @ 5270'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 5760'. C/O to PBTD @ 5908'. Circulate well clean. Pull up to 5843'. RU swab. SFL @ surface. Made 14 runs. Recovered 125 bbls. Trace of oil. Small show of sand. EFL @ 1300'. RIH w/ tbg. Tag @ 5901'. C/O to PBTD @ 5908'. Circulate well clean. POOH w/ tbg. to 1251'. SWFN.

|                                            |             |                           |                             |
|--------------------------------------------|-------------|---------------------------|-----------------------------|
| Starting fluid load to be recovered:       | <u>2368</u> | Starting oil rec to date: | <u>                    </u> |
| Fluid lost/recovered today:                | <u>85</u>   | Oil lost/recovered today: | <u>                    </u> |
| Ending fluid to be recovered:              | <u>2283</u> | Cum oil recovered:        | <u>                    </u> |
| IFL: <b>surface</b> FFL: <b>1300'</b> FTP: |             | Choke:                    | <u>                    </u> |
|                                            |             | Final Fluid Rate:         | <u>                    </u> |
|                                            |             | Final oil cut:            | <b>trace</b>                |

[illegible]



## DAILY COMPLETION REPORT

WELL NAME: Federal 5-20-9-16

Report Date: 8/10/2007

Day: 7

Operation: Completion

Rig: Western #3

## WELL STATUS

Surf Csg: 8-5/8" @ 324' Prod Csg: 5-1/2" @ 5940' Csg PBTD: 5908'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5804' BP/Fill @:

## PERFORATION RECORD

| Zone     | Perfs      | SPF/#shots | Zone    | Perfs      | SPF/#shots |
|----------|------------|------------|---------|------------|------------|
| D1 sds   | 4596-4608' | 4/48       | CP4 sds | 5724-5734' | 4/40       |
| D2 sds   | 4649-4654' | 4/20       |         |            |            |
| B2 sds   | 4880-4892' | 4/48       |         |            |            |
| A3 sds   | 5046-5066' | 4/80       |         |            |            |
| LODC sds | 5150-5170' | 4/80       |         |            |            |
| CP3 sds  | 5660-5669' | 4/36       |         |            |            |

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/9/2007

SITP: 0 SICP: 0

Cont. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 181 jts 2 7/8" tbg. ND BOPs. Set TAC @ 5705' w/ 16,000# tension. NU wellhead. X-over for rods. RU hotoiler to tbg. Flush tbg. w/ 60 bbls 250 water. RIH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" guide rods, 103- 3/4" slick rods, 100- 3/4" guided rods, 1- 6', 4', 2' x 3/4" pony subs, 1 1/2" x 26' polished rod. Seat pump Fill tbg. w/ 1 bbls. Stroke test pump to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production @ 3:00 p.m. 72" stroke length, 5 spm. Final Report.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2283 Starting oil rec to date:  
 Fluid lost/recovered today: 15 Oil lost/recovered today:  
 Ending fluid to be recovered: 2298 Cum oil recovered:  
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## TUBING DETAIL

## ROD DETAIL

## COSTS

|                                  |                                |                        |           |
|----------------------------------|--------------------------------|------------------------|-----------|
| KB 12.00'                        | 1 1/2" X 26' polished rod      | Western #3             | \$3,472   |
| 181 2 7/8 J-55 tbg (5693.39')    | 1- 2', 4', 6' x 3/4" pony rods | Weatherford bop        | \$255     |
| TA (2.80' @ 5705.39' KB)         | 100- 3/4" scraped rods         | CDI rod pump           | \$1,450   |
| 1 2 7/8 J-55 tbg (31.55')        | 103- 3/4" plain rods           | CDI PSN                | \$80      |
| SN (1.10' @ 5739.74' KB)         | 20- 3/4" scraped rods          | CDI TAC                | \$525     |
| 2 2 7/8 J-55 tbg (63.03')        | 6-1 1/2" weight rods           | "A" grade rod string   | \$12,562  |
| 2 7/8 NC (.45' @ 5804.32'0       | 2 1/2" X 1 1/2" X 12' x 15'    | polished rod pkg.      | \$1,800   |
| EOT 5804.32' W/ 12' KB           | CDI, RHAC pump                 | NPC frac tk (7x10days) | \$2,800   |
|                                  |                                | NPC frac head          | \$500     |
|                                  |                                | NPC swab tk (3 days)   | \$120     |
|                                  |                                |                        |           |
|                                  |                                | NPC Supervisor         | \$300     |
| Completion Supervisor: Don Dulen |                                | DAILY COST:            | \$23,864  |
|                                  |                                | TOTAL WELL COST:       | \$854,809 |



## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4546'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 155' balance plug using 18 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 374'

The approximate cost to plug and abandon this well is \$42,000.

## FEDERAL 5-20-9-16

Spud Date: 06/12/07  
Put on Production: 08/09/07  
GL: 6032' KB: 6044'

Initial Production: BOPD,  
MCFD, BWPD

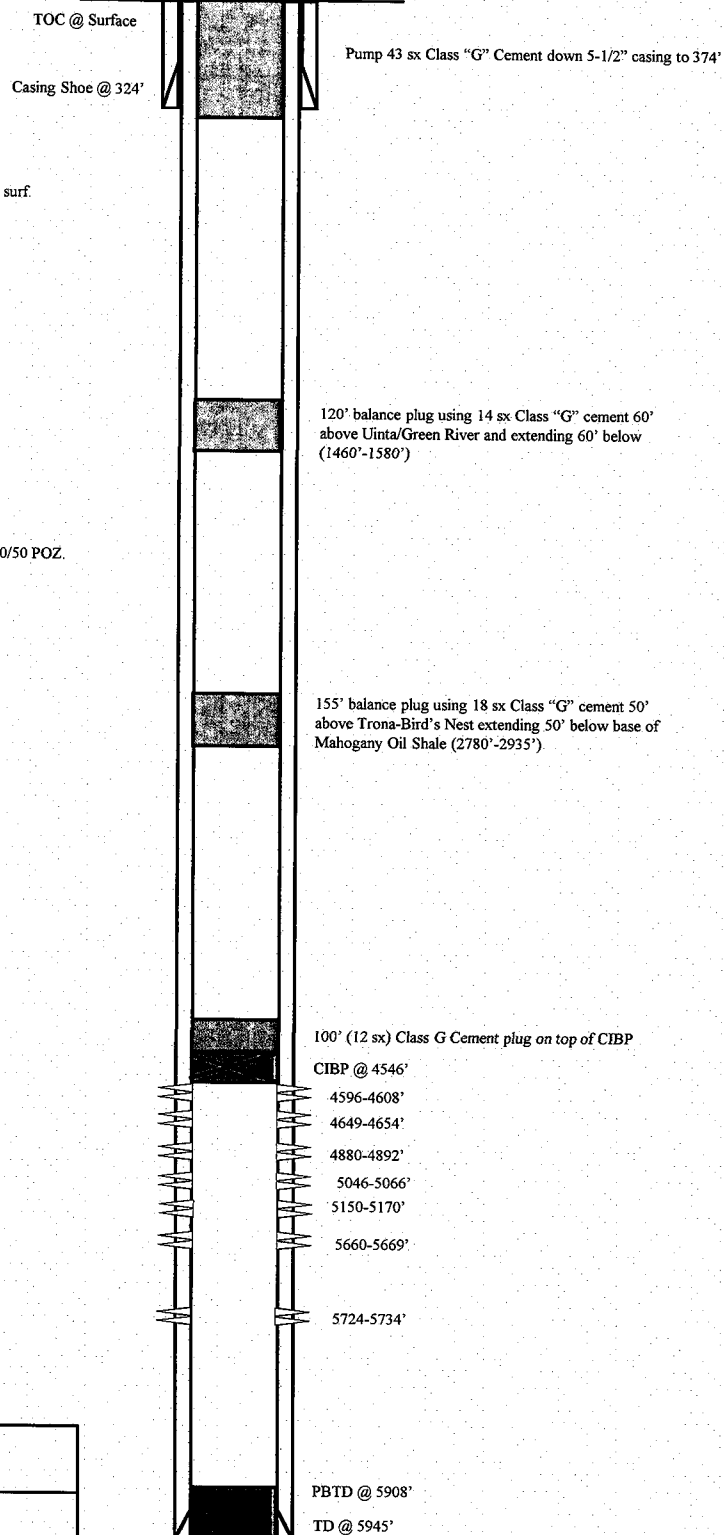
### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (312.03')  
DEPTH LANDED: 323.88' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5926.74')  
DEPTH LANDED: 5939.99' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 349 sxs Prem. Lite II mixed & 426 sxs 50/50 POZ.

### Proposed P & A Wellbore Diagram



**NEWFIELD**

**FEDERAL 5-20-9-16**

2178'FNL & 673' FWL

SW/NW Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33104; Lease # UTU-52018

JL 4/17/2012



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 25, 2012

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 5-20-9-16, Section 20, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33104

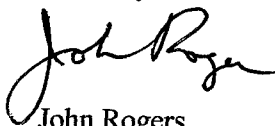
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,913 feet in the Federal 5-20-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

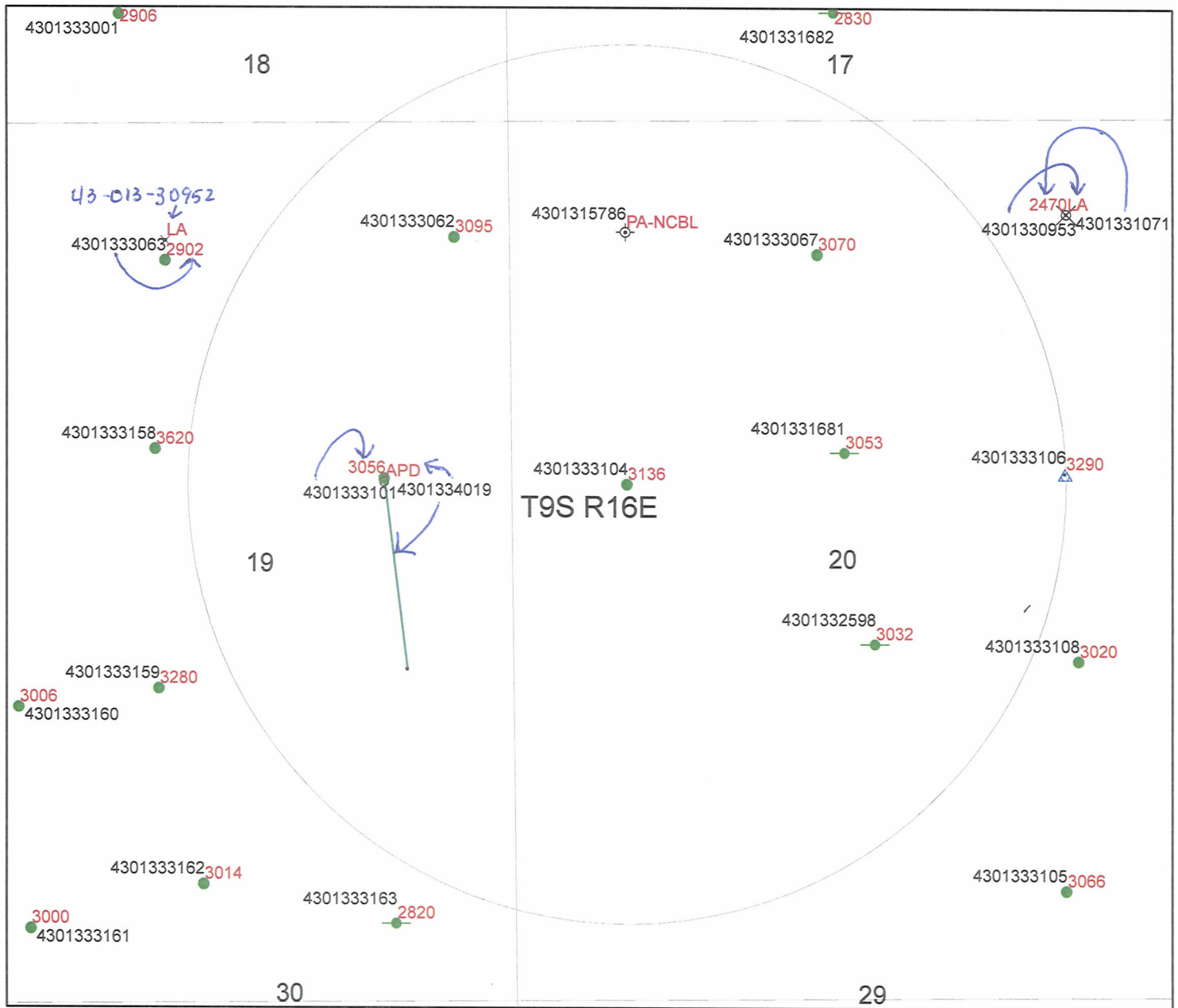
  
John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops  
FEDERAL 5-20-9-16  
API #43-013-33104  
UIC 392.9

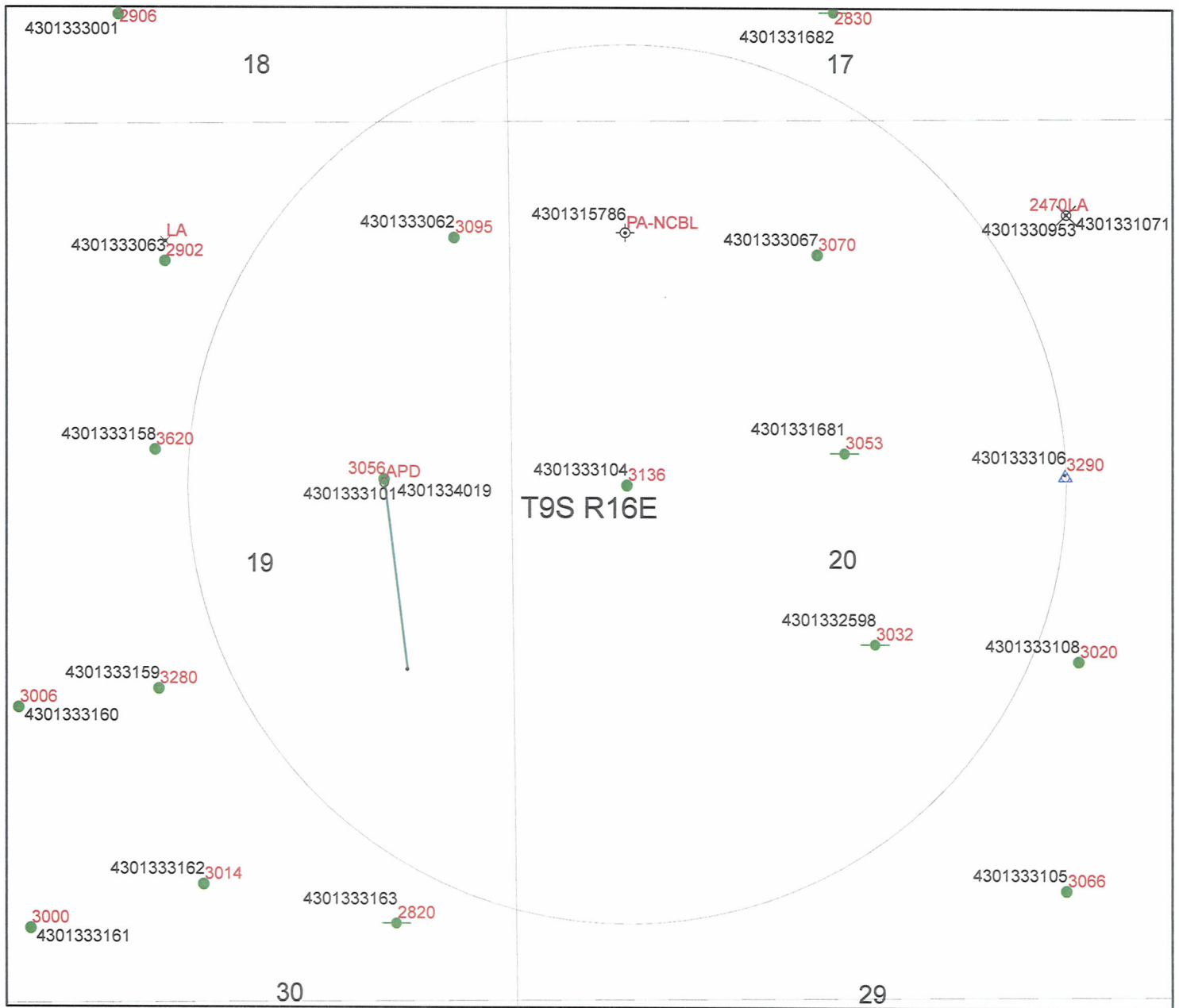
## Legend

- |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Buffer_of_SGID93_ENERGY_DNROilGasWells_83</li> <li>SGID93.ENERGY.DNROilGasWells</li> <li><b>SGID93.ENERGY.DNROilGasWells</b></li> <li><b>GIS_STAT_TYPE</b></li> <li>○ APD</li> <li>⊙ DRL</li> <li>⊗ GIW</li> <li>○<sub>GS</sub> GSW</li> <li>× LA</li> <li>○ LOC</li> <li>● OPS</li> <li>⊙ PA</li> </ul> | <ul style="list-style-type: none"> <li>☀ PGW</li> <li>● POW</li> <li>▲ RET</li> <li>☀ SGW</li> <li>● SOW</li> <li>⊗ TA</li> <li>○ TW</li> <li>⊗ WDW</li> <li>△ WIW</li> <li>● WSW</li> <li>SGID93.BOUNDARIES.Counties</li> <li>• SGID93.ENERGY.DNROilGasWells_HDBottom</li> <li>— SGID93.ENERGY.DNROilGasWells_HDPath</li> <li>• Wells-CbltopsMaster07_06_12</li> </ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

0 0.1 0.2 0.3 0.4 Miles



1870calc = approx cement top calculated from well completion report



Cement Bond Tops  
FEDERAL 5-20-9-16  
API #43-013-33104  
UIC 392.9

## Legend

- Buffer\_of\_SGID93\_ENERGY\_DNROilGasWells\_83
- SGID93\_ENERGY\_DNROilGasWells
- SGID93\_ENERGY\_DNROilGasWells**
- GIS\_STAT\_TYPE**
- APD
- ⊙ DRL
- ⊙ GIW
- ⊙ GSW
- × LA
- LOC
- ⊙ OPS
- ⊙ PA
- ⊙ PGW
- ⊙ POW
- ⊙ RET
- ⊙ SGW
- ⊙ SOW
- ⊙ TA
- TW
- ⊙ WDW
- ⊙ WIW
- ⊙ WSW
- SGID93\_BOUNDARIES.Counties
- SGID93\_ENERGY\_DNROilGasWells\_HDBottom
- SGID93\_ENERGY\_DNROilGasWells\_HDPath
- Wells-CbltopsMaster07\_06\_12

0 0.1 0.2 0.3 0.4 Miles



1870calc = approx cement top calculated from well completion report

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Federal 5-20-9-16

**Location:** 20/9S/16E      **API:** 43-013-33104

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,940 feet. A cement bond log demonstrates adequate bond in this well up to about 3,136 feet. A 2 7/8 inch tubing with a packer will be set at 4,546 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 5 producing wells, 1 injection well (on eastern edge), 1 shut-in well, and 1 P/A well in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2600 feet. Injection shall be limited to the interval between 3,913 feet and 5,908 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 5-20-9-16 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,670 psig. The requested maximum pressure is 1,670 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Federal 5-20-9-16**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 7/12/2012

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17<sup>th</sup> Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East  
API 43-013-15796  
Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32658  
Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East  
API 43-013-33136  
Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33030  
Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33062  
Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33174  
Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33066  
Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33067  
Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33104  
Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33068  
Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East  
API 43-013-33145  
Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East  
API 43-013-31726  
Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East  
API 43-013-32612  
Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33027  
Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33176



Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33178

Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33182

Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33084

Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33344

Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East  
API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22<sup>nd</sup> day of May, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill  
Permitting Manager

**Newfield Production Company**

**MONUMENT FEDERAL 22-12J, FEDERAL 5-13-9-16, FEDERAL 13-15-9-16, FEDERAL 7-17-9-16, FEDERAL 1-19-9-16, FEDERAL 5-19-9-16, FEDERAL 1-20-9-16, FEDERAL 3-20-9-16, FEDERAL 5-20-9-16, FEDERAL 9-20-9-16, FEDERAL 9-21-9-16, MONUMENT FEDERAL 31-21-9-16Y, FEDERAL 1-22-9-16, FEDERAL 7-22-9-16, FEDERAL 3-23-9-16, FEDERAL 11-23-9-16, FEDERAL 15-23-9-16, FEDERAL 3-24-9-16, FEDERAL 15-24-9-16, FEDERAL 21-25Y**

**Cause No. UIC-392**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

SITLA  
675 E 500 S Ste 500  
Salt Lake City, UT 84102-2818

Uintah Basin Standard  
268 S 200 E  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Vernal Office  
Bureau of Land Management  
170 S 500 E  
Vernal, UT 84078

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

May 22, 2012

Via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 5/23/2012 3:07 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

---

On 5/22/2012 2:09 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

It will be in the May 29 edition.  
Thank you.  
Cindy



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

May 22, 2012

Via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**From:** "Fultz, Mark" <naclegal@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 5/22/2012 2:32 PM  
**Subject:** Proof for Notice of Agency Action  
**Attachments:** OrderConf.pdf

AD# 794885  
Run SL Trib 5/25/12  
Cost \$331.25  
Please advise of any changes  
Thank You  
Ken

## Order Confirmation for Ad #0000794885-01

|                     |                                                                         |                       |                                                              |
|---------------------|-------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------|
| <b>Client</b>       | DIV OF OIL-GAS & MINING                                                 | <b>Payor Customer</b> | DIV OF OIL-GAS & MINING                                      |
| <b>Client Phone</b> | 801-538-5340                                                            | <b>Payor Phone</b>    | 801-538-5340                                                 |
| <b>Account#</b>     | [REDACTED]                                                              | <b>Payor Account</b>  | [REDACTED]                                                   |
| <b>Address</b>      | 1594 W NORTH TEMP #1210,P.O. BOX 145801<br>SALT LAKE CITY, UT 84114 USA | <b>Payor Address</b>  | 1594 W NORTH TEMP #1210,P.O. BO;<br>SALT LAKE CITY, UT 84114 |
| <b>Fax</b>          | 801-359-3940                                                            | <b>Ordered By</b>     | <b>Acct. Exec</b>                                            |
| <b>EMail</b>        | earlenerussell@utah.gov                                                 | Jean                  | kstowe                                                       |

|                            |                 |                           |                       |                          |
|----------------------------|-----------------|---------------------------|-----------------------|--------------------------|
| <b>Total Amount</b>        | <b>\$331.25</b> |                           |                       |                          |
| <b>Payment Amt</b>         | <b>\$0.00</b>   |                           |                       |                          |
| <b>Amount Due</b>          | <b>\$331.25</b> | <u><b>Tear Sheets</b></u> | <u><b>Proofs</b></u>  | <u><b>Affidavits</b></u> |
|                            |                 | 0                         | 0                     | 1                        |
| <b>Payment Method</b>      |                 | <u><b>PO Number</b></u>   | Newfield Prod UIC-392 |                          |
| <b>Confirmation Notes:</b> |                 |                           |                       |                          |
| <b>Text:</b>               | Jean            |                           |                       |                          |

|                |                |              |
|----------------|----------------|--------------|
| <b>Ad Type</b> | <b>Ad Size</b> | <b>Color</b> |
| Legal Liner    | 3.0 X 87 Li    | <NONE>       |

|                           |                           |                                 |
|---------------------------|---------------------------|---------------------------------|
| <u><b>Product</b></u>     | <u><b>Placement</b></u>   | <u><b>Position</b></u>          |
| Salt Lake Tribune::       | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| <b>Scheduled Date(s):</b> | 05/25/2012                |                                 |
| <u><b>Product</b></u>     | <u><b>Placement</b></u>   | <u><b>Position</b></u>          |
| sltrib.com::              | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| <b>Scheduled Date(s):</b> | 05/25/2012                |                                 |
| <u><b>Product</b></u>     | <u><b>Placement</b></u>   | <u><b>Position</b></u>          |
| utahlegals.com::          | utahlegals.com            | utahlegals.com                  |
| <b>Scheduled Date(s):</b> | 05/25/2012                |                                 |

## Order Confirmation for Ad #0000794885-01

Ad Content Proof Actual Size

# Order Confirmation for Ad #0000794885-01

Ad Content Proof 135%

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East

API 43-013-15796

Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East

API 43-013-32658

Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East

API 43-013-33136

Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33030

Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East

API 43-013-33062

Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33174

Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33066

Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33067

Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33104

Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33068

Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East

API 43-013-33145

Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East

API 43-013-31726

Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-32612

Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-33027

Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33178

Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East

API 43-013-33182

Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33084

Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33344

Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East

API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of May, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

/s/Brad Hill

Permitting Manager

794885

UPAXLP



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                            |                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                            | <b>FORM 9</b>                                               |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.                                                                                                                                                                                                                                                                                                                                                   |                                                                            | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-52018 |
| <b>1. TYPE OF WELL</b><br>Oil Well                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                            | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br>        |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                            | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)         |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630, Myton, UT, 84052                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                            | <b>8. WELL NAME and NUMBER:</b><br>FEDERAL 5-20-9-16        |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>2178 FNL 0673 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWNW Section: 20 Township: 09.0S Range: 16.0E Meridian: S                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                            | <b>9. API NUMBER:</b><br>43013331040000                     |
| <b>PHONE NUMBER:</b><br>435 646-4825 Ext                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                            | <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE      |
| <b>COUNTY:</b><br>DUCHESNE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                            | <b>STATE:</b><br>UTAH                                       |
| <b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                            |                                                             |
| <b>TYPE OF SUBMISSION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>TYPE OF ACTION</b>                                                      |                                                             |
| <input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> ACIDIZE                                           |                                                             |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>8/14/2012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> ALTER CASING                                      |                                                             |
| <input type="checkbox"/> SPUD REPORT<br>Date of Spud:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS                          |                                                             |
| <input type="checkbox"/> DRILLING REPORT<br>Report Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> CHANGE TUBING                                     |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> CHANGE WELL STATUS                     |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS                    |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> DEEPEN                                            |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> FRACTURE TREAT                                    |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> OPERATOR CHANGE                                   |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> PLUG AND ABANDON                                  |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> PRODUCTION START OR RESUME                        |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> RECLAMATION OF WELL SITE                          |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> REPERFORATE CURRENT FORMATION                     |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                          |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> TUBING REPAIR                                     |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> VENT OR FLARE                                     |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> WATER SHUTOFF                                     |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> SI TA STATUS EXTENSION                            |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> WILDCAT WELL DETERMINATION                        |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> |                                                             |
| <b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b><br>The subject well has been converted from a producing oil well to an injection well on 08/13/2012. On 08/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/14/2012 the casing was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test - Chris Jensen. |                                                                            |                                                             |
| <b>Accepted by the<br/>         Utah Division of<br/>         Oil, Gas and Mining<br/>         FOR RECORD ONLY<br/>         August 16, 2012</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                            |                                                             |
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>PHONE NUMBER</b><br>435 646-4874                                        | <b>TITLE</b><br>Water Services Technician                   |
| <b>SIGNATURE</b><br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>DATE</b><br>8/16/2012                                                   |                                                             |

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris Jensen Date 8/14/12 Time 9:00 am pmTest Conducted by: Kody Olson

Others Present: \_\_\_\_\_

Well: Federal 5-20-9-16Field: Monument ButteWell Location: SW/NW Sec. 20, T9S, R16EAPI No: 43-013-33104Duchesne Cty, UT UTV 87538X

| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1330</u>            | psig |
| 5           | <u>1330</u>            | psig |
| 10          | <u>1330</u>            | psig |
| 15          | <u>1330</u>            | psig |
| 20          | <u>1330</u>            | psig |
| 25          | <u>1330</u>            | psig |
| 30 min      | <u>1330</u>            | psig |
| 35          | <u>1330</u>            | psig |
| 40          | _____                  | psig |
| 45          | _____                  | psig |
| 50          | _____                  | psig |
| 55          | _____                  | psig |
| 60 min      | _____                  | psig |

Tubing pressure: 320 psig

Result:

Pass

Fail

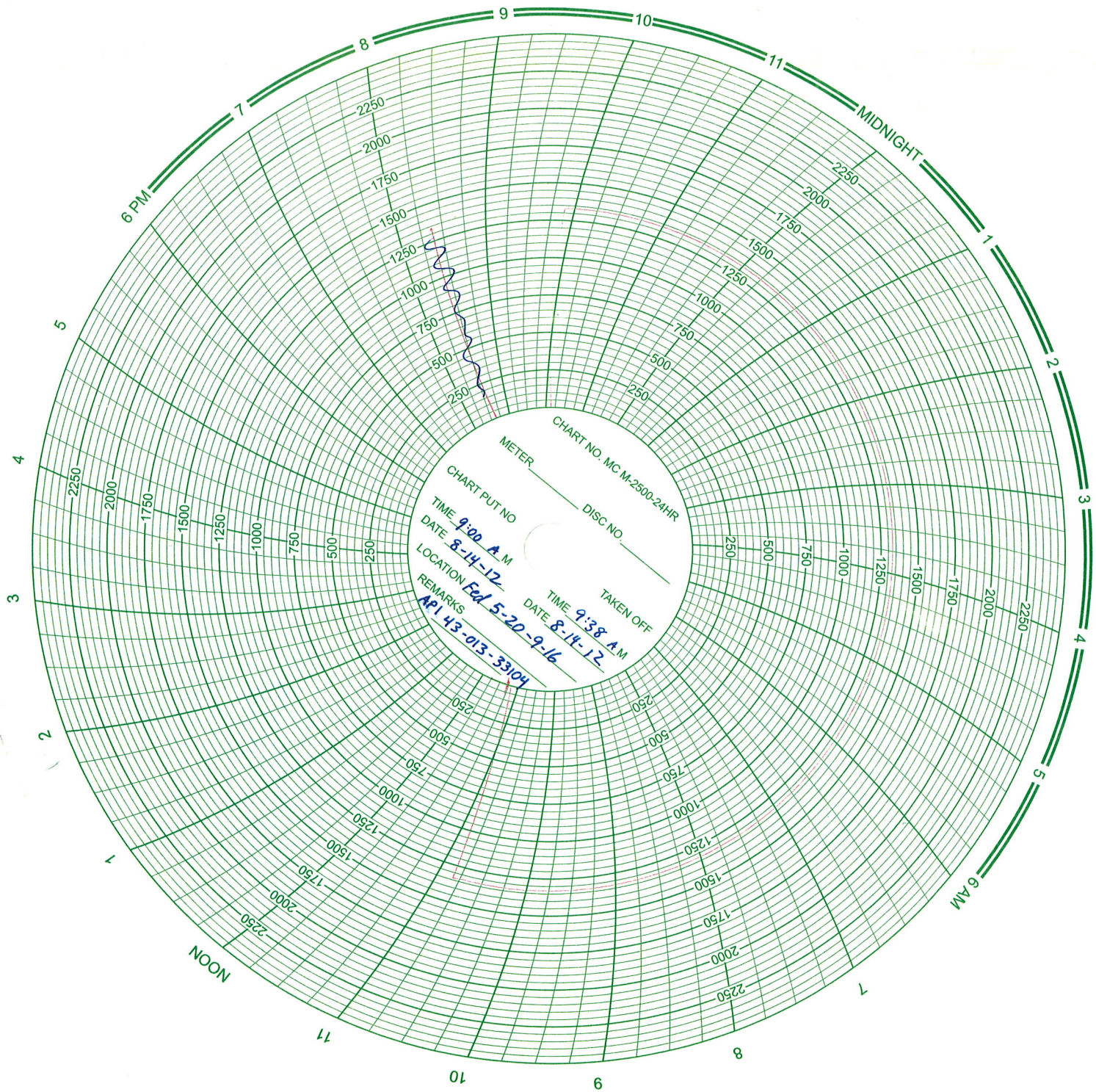
Signature of Witness:

Chris Jensen

Signature of Person Conducting Test:

Kody Olson







## Daily Activity Report

Format For Sundry

FEDERAL 5-20-9-16

6/1/2012 To 10/30/2012

8/9/2012 Day: 1

Conversion

NC #3 on 8/9/2012 - MIRU NC#3, Fish Rods, L/D Rod String, N/D W/H-D, N/U BOPs, R/U Tbg Eqp, Release T/A. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi(Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi(Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi(Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi (Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 11:00AM Move Rig 1 Mile, MIRU NC#3, OWU, R/D Unit, Pmp Down Tbg, Would Not Go, Hook Up To Csg & Pmp 65BW, L/D Polish Rod, Rod String Light, Parted Rods, POOH W/ Rod To Find Part, Part On Rod 104(Body Brake), P/U Baby Red, TIH, Catch Fish, L/D 2 Rods & Flush Tbg W/ 30BW, P/U Rod & Sft Seat Tst Tbg To 3500psi (Good Tst), L/D Rod String, Polish Rod, 1-4'&8' 3/4 Subs, 221 3/4 4 Pers, 6 Wt Bars W/ Stabilizers Between, & 1 Rod Pmp, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$5,301

---

8/10/2012 Day: 2

Conversion

NC #3 on 8/10/2012 - TOOH, Brake & Dope Each Conn, TIH, Tally Tbg, Drop S/Vlve & Prs Tst - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOOH W/145 Jts Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D 39 Jts, T/A, S/N, Bleed Nipple, & N/C. P/U Pkr Ass & RIH, Tally 144Jts J-55 Tbg On Trip, Pmp 15BW Pad, Drop S/V, Fill W/32 BW, Psr Tst Tbg To 3000psi, Blead Off To 2400psi, Bumped Back Up To 3000psi, Had To Bump Up 3 More Time. Psr Leveled Out @ 3050psi. SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOOH W/145 Jts Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D 39 Jts, T/A, S/N, Bleed Nipple, & N/C. P/U Pkr Ass & RIH, Tally 144Jts J-55 Tbg On Trip, Pmp 15BW Pad, Drop S/V, Fill W/32 BW, Psr Tst Tbg To 3000psi, Blead Off To 2400psi, Bumped Back Up To 3000psi, Had To Bump Up 3 More Time. Psr Leveled Out @ 3050psi. SWI, 6:30PM CSDFN, 6:30PM-7:00PM

C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/145 Jts Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D 39 Jts, T/A, S/N, Bleed Nipple, & N/C. P/U Pkr Ass & RIH, Tally 144Jts J-55 Tbg On Trip, Pmp 15BW Pad, Drop S/V, Fill W/32 BW, Psr Tst Tbg To 3000psi, Bleed Off To 2400psi, Bumped Back Up To 3000psi, Had To Bump Up 3 More Time. Psr Leveled Out @ 3050psi. SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/145 Jts Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D 39 Jts, T/A, S/N, Bleed Nipple, & N/C. P/U Pkr Ass & RIH, Tally 144Jts J-55 Tbg On Trip, Pmp 15BW Pad, Drop S/V, Fill W/32 BW, Psr Tst Tbg To 3000psi, Bleed Off To 2400psi, Bumped Back Up To 3000psi, Had To Bump Up 3 More Time. Psr Leveled Out @ 3050psi. SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/145 Jts Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D 39 Jts, T/A, S/N, Bleed Nipple, & N/C. P/U Pkr Ass & RIH, Tally 144Jts J-55 Tbg On Trip, Pmp 15BW Pad, Drop S/V, Fill W/32 BW, Psr Tst Tbg To 3000psi, Bleed Off To 2400psi, Bumped Back Up To 3000psi, Had To Bump Up 3 More Time. Psr Leveled Out @ 3050psi. SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$13,223

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**8/13/2012 Day: 3****Conversion**

NC #3 on 8/13/2012 - Pressure test tbg & csg. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Tbg @ 2900psi, Held Over Weekend(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D F/Flr, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid W/ 75BW, Set Pkr In 15k Tension, L/D 6' Tbg Sub, N/U Injection Tree, Psr Tst To 1500psi, B/O To 1400psi & Held For One Hour(Good Tst), Shut Csg In, R/D & M/O NC#3 @ 12:00PM. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Tbg @ 2900psi, Held Over Weekend(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D F/Flr, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid W/ 75BW, Set Pkr In 15k Tension, L/D 6' Tbg Sub, N/U Injection Tree, Psr Tst To 1500psi, B/O To 1400psi & Held For One Hour(Good Tst), Shut Csg In, R/D & M/O NC#3 @ 12:00PM. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Tbg @ 2900psi, Held Over Weekend(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D F/Flr, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid W/ 75BW, Set Pkr In 15k Tension, L/D 6' Tbg Sub, N/U Injection Tree, Psr Tst To 1500psi, B/O To 1400psi & Held For One Hour(Good Tst), Shut Csg In, R/D & M/O NC#3 @ 12:00PM. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Tbg @ 2900psi, Held Over Weekend(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D F/Flr, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid W/ 75BW, Set Pkr In 15k Tension, L/D 6' Tbg Sub, N/U Injection Tree, Psr Tst To 1500psi, B/O To 1400psi & Held For One Hour(Good Tst), Shut Csg In, R/D & M/O NC#3 @ 12:00PM. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, Tbg @ 2900psi, Held Over Weekend(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D F/Flr, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid W/ 75BW, Set Pkr In 15k Tension, L/D 6' Tbg Sub, N/U Injection Tree, Psr Tst To 1500psi, B/O To 1400psi & Held For One Hour(Good Tst), Shut Csg In, R/D & M/O NC#3 @ 12:00PM. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$113,224

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**8/16/2012 Day: 4****Conversion**

Rigless on 8/16/2012 - Conduct initial MIT - On 08/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/14/2012 the casing was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/14/2012 the casing was pressured up to 1330 psig and

charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/14/2012 the casing was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/14/2012 the casing was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 320 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$144,494

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**Pertinent Files:** [Go to File List](#)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>FORM 9</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-52018                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>1. TYPE OF WELL</b><br>Water Injection Well                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630, Myton, UT, 84052                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>8. WELL NAME and NUMBER:</b><br>FEDERAL 5-20-9-16                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>2178 FNL 0673 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWNW Section: 20 Township: 09.0S Range: 16.0E Meridian: S                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>9. API NUMBER:</b><br>43013331040000                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>PHONE NUMBER:</b><br>435 646-4825 Ext                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>COUNTY:</b><br>DUCHESNE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>STATE:</b><br>UTAH                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>TYPE OF SUBMISSION</b><br><br><input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:<br><br><input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>11/6/2012<br><br><input type="checkbox"/> SPUD REPORT<br>Date of Spud:<br><br><input type="checkbox"/> DRILLING REPORT<br>Report Date:                                                                                                                                                              | <b>TYPE OF ACTION</b><br><br><table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE<br/> <input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br/> <input checked="" type="checkbox"/> CHANGE WELL STATUS<br/> <input type="checkbox"/> DEEPEN<br/> <input type="checkbox"/> OPERATOR CHANGE<br/> <input type="checkbox"/> PRODUCTION START OR RESUME<br/> <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br/> <input type="checkbox"/> TUBING REPAIR<br/> <input type="checkbox"/> WATER SHUTOFF<br/> <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING<br/> <input type="checkbox"/> CHANGE TUBING<br/> <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br/> <input type="checkbox"/> FRACTURE TREAT<br/> <input type="checkbox"/> PLUG AND ABANDON<br/> <input type="checkbox"/> RECLAMATION OF WELL SITE<br/> <input type="checkbox"/> SIDETRACK TO REPAIR WELL<br/> <input type="checkbox"/> VENT OR FLARE<br/> <input type="checkbox"/> SI TA STATUS EXTENSION<br/> <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR<br/> <input type="checkbox"/> CHANGE WELL NAME<br/> <input checked="" type="checkbox"/> CONVERT WELL TYPE<br/> <input type="checkbox"/> NEW CONSTRUCTION<br/> <input type="checkbox"/> PLUG BACK<br/> <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br/> <input type="checkbox"/> TEMPORARY ABANDON<br/> <input type="checkbox"/> WATER DISPOSAL<br/> <input type="checkbox"/> APD EXTENSION<br/>         OTHER: <input type="text" value="Put on Injection"/> </td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input checked="" type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input checked="" type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE WELL NAME<br><input checked="" type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> APD EXTENSION<br>OTHER: <input type="text" value="Put on Injection"/> |
| <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input checked="" type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> WILDCAT WELL DETERMINATION                      | <input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input checked="" type="checkbox"/> OTHER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE WELL NAME<br><input checked="" type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> APD EXTENSION<br>OTHER: <input type="text" value="Put on Injection"/> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b><br><div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 12:40 PM on 11/06/2012.</p> </div> <div style="width: 35%; text-align: right;"> <p><b>Accepted by the<br/>Utah Division of<br/>Oil, Gas and Mining</b></p> <p><b>Date:</b> November 13, 2012</p> <p><b>By:</b> </p> </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>PHONE NUMBER</b><br>435 646-4874                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>TITLE</b><br>Water Services Technician                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>SIGNATURE</b><br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>DATE</b><br>11/7/2012                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Spud Date: 06/12/07

Put on Production: 08/09/07

GL: 6032' KB: 6044'

# FEDERAL 5-20-9-16

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.03')

DEPTH LANDED: 323.88' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts. (5926.74')

DEPTH LANDED: 5939.99' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 349 sxs Prem. Lite II mixed & 426 sxs 50/50 POZ.

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 124 jts (4527.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4539.1' KB

ON/OFF TOOL AT: 4540.2'

PACKER CE @ 4545.29'

XO AT: 4549.0'

TBG PUP AT: 4549.5'

XN AT: 4553.7'

TOTAL STRING LENGTH: EOT @ 4555' W/12' KB

### FRAC JOB

07/31/07 5660-5734'

#### **Frac CP4 & CP3 sands as follows:**

49687# 20/40 sand in 482 bbls Lightning 17 frac fluid. Treated @ avg press of 2062 psi w/avg rate of 24.8 BPM. ISIP 2275 psi. Calc flush: 5658 gal. Actual flush: 5371 gal.

08/06/07 5150-5170'

#### **Frac LODC sands as follows:**

59976# 20/40 sand in 541 bbls Lightning 17 frac fluid. Treated @ avg press of 1952 psi w/avg rate of 24.8 BPM. ISIP 2110 psi. Calc flush: 5148 gal. Actual flush: 4641 gal.

08/06/07 5046-5066'

#### **Frac A3 sands as follows:**

70150# 20/40 sand in 582 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 5044 gal. Actual flush: 4536 gal.

08/06/07 4880-4892'

#### **Frac B2 sands as follows:**

29054# 20/40 sand in 470 bbls Lightning 17 frac fluid. Treated @ avg press of 2463 psi w/avg rate of 24.8 BPM. ISIP 2290 psi. Calc flush: 4878 gal. Actual flush: 4536 gal.

08/06/07 4596-4654'

#### **Frac D1 & D2 sands as follows:**

27540# 20/40 sand in 372 bbls Lightning 17 frac fluid. Treated @ avg press of 1664 psi w/avg rate of 24.8 BPM. ISIP 1700 psi. Calc flush: 4594 gal. Actual flush: 4507 gal.

06-16-08

**Workover.** Rod & Tubing detail updated.

3/11/09

**Stuck Pump.** Updated r & t details.

11/21/09

**Tubing Leak.** Tubing & Rod updated.

6/8/2010

**Tubing Leak.** Update rod and tubing details

2/14/2011

**Tubing Leak.** Update rod and tubing details

07/15/11

**Tubing Leak.** Rods & tubing updated.

08/13/12

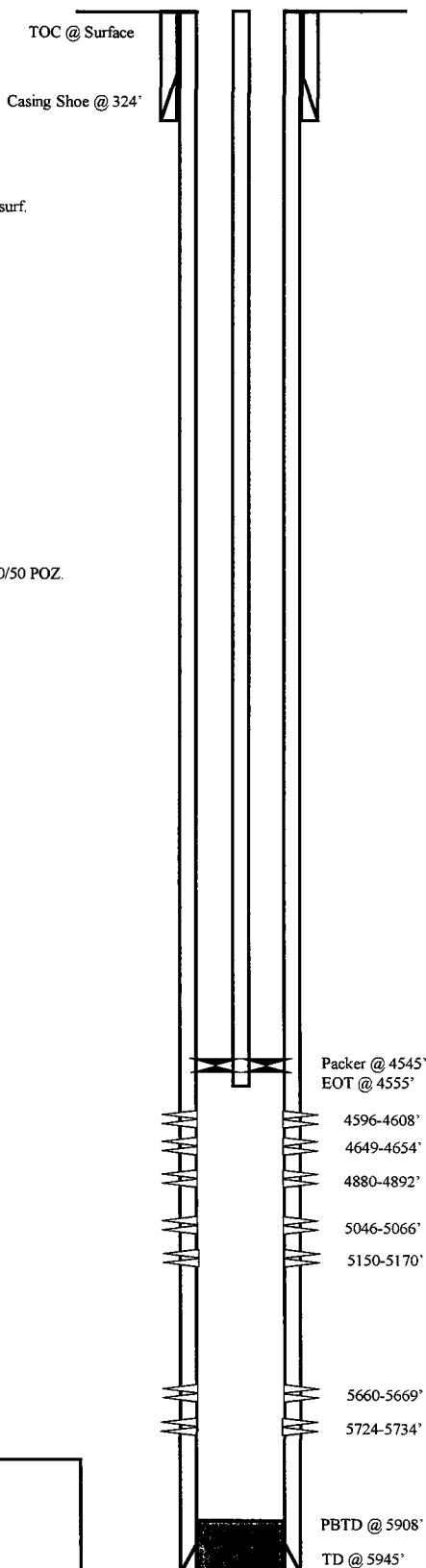
**Convert to Injection Well**

08/14/12

**Conversion MIT Finalized** – update tbg detail

### PERFORATION RECORD

|          |            |        |          |
|----------|------------|--------|----------|
| 07/31/07 | 5724-5734' | 4 JSPF | 40 holes |
| 08/06/07 | 5660-5669' | 4 JSPF | 36 holes |
| 08/06/07 | 5150-5170' | 4 JSPF | 80 holes |
| 08/06/07 | 5046-5066' | 4 JSPF | 80 holes |
| 08/06/07 | 4880-4892' | 4 JSPF | 48 holes |
| 08/06/07 | 4649-4654' | 4 JSPF | 20 holes |
| 08/06/07 | 4596-4608' | 4 JSPF | 48 holes |



**NEWFIELD**

**FEDERAL 5-20-9-16**

2178' FNL & 673' FWL

SW/NW Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33104; Lease # UTU-52018

LCN 08/16/12





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-392

**Operator:** Newfield Production Company  
**Well:** Federal 5-20-9-16  
**Location:** Section 20, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-33104  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 25, 2012.
2. Maximum Allowable Injection Pressure: 1,670 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,913' – 5,908')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: \_\_\_\_\_

  
John Rogers  
Associate Director

11-5-2012  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



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FED. TAX I.D.# 87-0217663

The Salt Lake Tribune

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Deseret News

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| CUSTOMER NAME AND ADDRESS                                                                          | ACCOUNT NUMBER | DATE      |
|----------------------------------------------------------------------------------------------------|----------------|-----------|
| DIV OF OIL-GAS & MINING,<br>1594 W NORTH TEMP #1210<br>P.O. BOX 145801<br>SALT LAKE CITY, UT 84114 | 9001402352     | 5/25/2012 |

43 013 33104  
Federal 5-20-9-16  
95 16E 20

| ACCOUNT NAME                                          |                |
|-------------------------------------------------------|----------------|
| DIV OF OIL-GAS & MINING,                              |                |
| TELEPHONE                                             | ADORDER#       |
| 8015385340                                            | 0000794885     |
| SCHEDULE                                              |                |
| Start 05/25/2012                                      | End 05/25/2012 |
| CUST. REF. NO.                                        |                |
| Newfield Prod UIC-392                                 |                |
| CAPTION                                               |                |
| BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT |                |
| SIZE                                                  |                |
| 87 Lines                                              | 3.00           |
| TIMES                                                 |                |
| 3                                                     |                |
| MISC. CHARGES                                         | AD             |
|                                                       |                |

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East  
API 43-013-15796  
Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32658  
Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East  
API 43-013-33136  
Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33030  
Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33062  
Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33174  
Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33066  
Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33067  
Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33104  
Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33068  
Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East  
API 43-013-33145  
Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East  
API 43-013-31726  
Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East  
API 43-013-32612  
Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33027  
Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33176  
Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33178  
Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33182  
Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33084  
Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33344  
Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East  
API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rule. Protestants and/or intervenors should be prepared to demonstrate at the hearing how the matter affects their interests.

Dated this 22nd day of May, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/Brad Hill  
Permitting Manager  
794885

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ABOVE MATTER IS A MATTER OF THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, CAUSE NO. UIC-392 IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 05/25/2012 End 05/25/2012

SIGNATURE *And*

5/25/2012

VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission # 581469  
My Commission Expires  
January 12, 2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT

Send Payments to:  
Uintah Basin Standard  
268 S 200 E  
Roosevelt, Utah 84066  
Phone: 435-722-5131  
Fax: 435-722-4140



Invoice Number Invoice Date

30968

5/30/2012

Advertiser No.

Invoice Amount

Due Date

2080

\$191.45

6/29/2012

DIVISION OF OIL GAS & MINING  
Rose Nolton  
1594 W. N. TEMPLE STE 121  
PO BOX 145801  
SALT LAKE CITY, UT 84114-5801

RECEIVED  
JUN 05 2012  
DIV OF OIL GAS & MINING

1 1/2% fee will be charged to all  
past due balances.

Amount Enclosed

Please detach top portion and return with your payment.

INVOICE

Uintah Basin Standard

DIVISION OF OIL GAS & MINING

Invoice No. 30968

5/30/2012

| Date      | Order     | Description                                                                         | Ad Size | SubTotal              | Sales Tax | Amount   |
|-----------|-----------|-------------------------------------------------------------------------------------|---------|-----------------------|-----------|----------|
| 5/30/2012 | 15615 UBS | UBS Legal Notice: Not of Agcy Actn: Newfield Cause No. UIC-392<br>Pub. May 29, 2012 |         |                       |           | \$191.45 |
|           |           |                                                                                     |         | Sub Total:            |           | \$191.45 |
|           |           |                                                                                     |         | Total Transactions: 1 | Total:    | \$191.45 |

SUMMARY Advertiser No. 2080 Invoice No. 30968

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

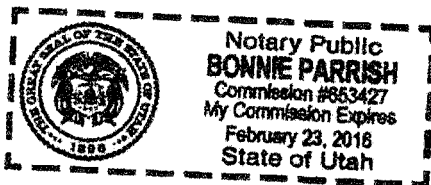
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 29 day of May, 2012, and that the last publication of such notice was in the issue of such newspaper dated the 29 day of May, 2012, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby  
Publisher

Subscribed and sworn to before me on this

1 day of June, 2012  
by Kevin Ashby.

Bonnie Parrish  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-392

BEFORE THE DI-  
VISION OF OIL, GAS  
AND MINING, DE-  
PARTMENT OF NAT-  
URAL RESOURCES,  
STATE OF UTAH.

IN THE MATTER  
OF THE APPLICA-  
TION OF NEW-  
FIELD PRODUC-  
TION COMPANY  
FOR ADMINISTRA-  
TIVE APPROVAL  
OF CERTAIN WELLS  
LOCATED IN SEC-  
TIONS 12, 13, 15, 17,

Published May 22  
and 29, 2012.  
ing  
in advance of the hear-  
Planning at least 3 days  
call Duchesne County  
this meeting should  
commodations for  
needing special ac-  
utah.gov. Persons  
mhyde@duchesne.  
Utah 84021 or email  
Box 317, Duchesne,  
County Planning, P.O.  
ments to: Duchesne  
1151. Or, send com-  
Hyde at (435) 738-  
For further infor-  
esne, Utah.  
Center Street, Duch-  
Building, 734 North  
County Administration  
Chambers, Duchesne  
PM in the Commission  
ing, beginning at 1:30  
June 18, 2012 meet-  
#12-302 during their  
proposed Ordinance  
recommendation and  
Planning Commission  
lic hearing to review the  
ers will conduct a pub-  
County Commission-  
The Duchesne  
residential areas.  
restrict the numbers  
of livestock kept in

## LEGAL N Your Right

Christensen, located on the south side of Highway 87 (Ioka Lane) and the west side of 4000 West, in the NE ¼ of the NE ¼ of Section 2, Township 3 South, Range 2 West.

The Duchesne County Commissioners will conduct a public hearing to review the Planning Commission recommendation and proposed rezoning ordinance during their June 18, 2012 meeting, beginning at 1:30 PM in the Commission Chambers, Duchesne County Administration Building, 734 North Center Street, Duchesne, Utah.

For further information contact Mike

## SERET P TRIC COOP

## ATORY TECHN CHEMIST

s an electrical utility states. We have a Laboratory Tech a 500 MW coal-firial, Utah.

candidate will be re le, and take indepen on high pressure O<sub>2</sub> scrubbers, demin potable water, and r candidate must also vondensate polishers, bulk chemical handl mputer literate and software.

High School graduat experience as a jo nician in an industria